PB88-113428

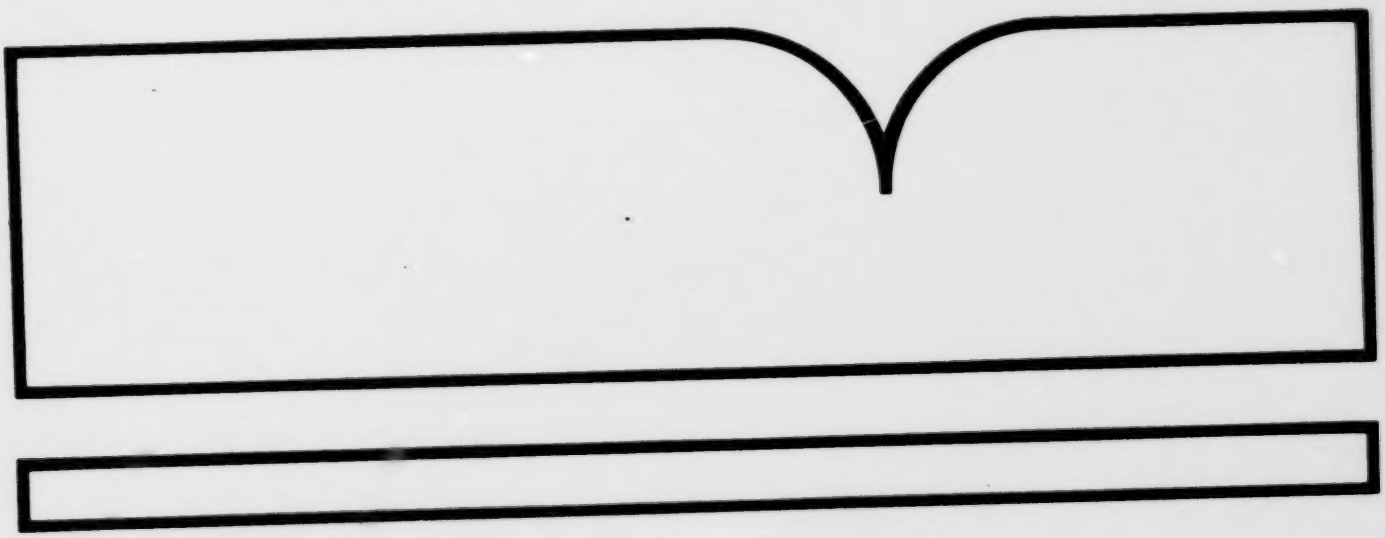
National Air Toxics Information Clearinghouse NATICH Data Base Report on State, Local and EPA (Environmental Protection Agency) Air Toxics Activities, July 1987

Radian Corp., Austin, TX

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

Jul 87



U.S. Department of Commerce
National Technical Information Service
NTIS

50272-101

REPORT DOCUMENTATION PAGE	1. REPORT NO.	2.	3. Recipient's Accession No. PB88-113428/AS

4. Title and Subtitle
NATICH Data Base Report on State, Local and EPA Air Toxics Activities, July 1987

5. Report Date
July 1987

6.

7. Author(s)
Radian Corporation

8. Performing Organization Rept. No.

9. Performing Organization Name and Address
Radian Corporation
P. O. Box 201088
Austin, Texas 78720-1088

10. Project/Task/Work Unit No.

11. Contract(C) or Grant(G) No.
(C) EPA No. 68-02-4330
(G)

12. Sponsoring Organization Name and Address
US Environmental Protection Agency
Office of Air Quality Planning & Standards
Pollutant Assessment Branch
Research Triangle Park, NC 27711

13. Type of Report & Period Covered
Interim

14.

15. Supplementary Notes

16. Abstract (Limit: 200 words)

This report disseminates information provided to the NATICH data base by State and local air agencies on their air toxics activities. This computer-generated report supersedes manually- and computer-prepared reports published in September 1984, March 1985, September 1985, and Jyly 1986. This report includes a listing of State and local agencies that have provided information to the Clearinghouse, air toxics contacts, regulatory program information, acceptable ambient concentration guidelines or standards and the bases of those guidelines/standards, pollutant research information, methods development activities, permitting information, source testing information, ambient monitoring information, emissions inventory information, and risk assessmetn information. Because of the large volume of data that now resides in the datra base, this document reports only a subset of the permitting and source testing information.

17. Document Analysis a. Descriptors

Toxic Air Pollutants
State and local programs

b. Identifiers/Open-Ended Terms

NATICH: National Air Toxics Information Clearinghouse

c. COSATI Field/Group

18. Availability Statement	19. Security Class (This Report)	21. No. of Pages
Release Unlimited	Unclassified	362
	20. Security Class (This Page) Unclassified	22. Price

(See ANSI-Z39.18) See Instructions on Reverse

OPTIONAL FORM 272 (4-77)
(Formerly NTIS-35)
Department of Commerce

PB88-113428

NATIONAL AIR TOXICS INFORMATION CLEARINGHOUSE

EPA Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

STAPPA / ALAPCO State and Territorial Air Pollution Program Administrators
Association of Local Air Pollution Control Officials

NATICH Data Base Report on State, Local and EPA Air Toxics Activities

July 1987

REPRODUCED BY
U.S. DEPARTMENT OF COMMERCE
NATIONAL TECHNICAL
INFORMATION SERVICE
SPRINGFIELD, VA 22161

DCN 87-239-001-31-06
EPA Contract No. 68-02-4330
Work Assignment No. 31
EPA-450/5-87-006

NATIONAL AIR TOXICS INFORMATION CLEARINGHOUSE:

NATICH DATA BASE REPORT ON STATE, LOCAL AND EPA AIR TOXICS ACTIVITIES

FINAL

Prepared for:

John Vandenberg
Strategies and Air Standards Division
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, North Carolina 27711

Prepared by:

Radian Corporation
P.O. Box 201088
Austin, TX 78720-1088

July, 1987

DISCLAIMER

This report has been reviewed by the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, and approved for publication as received from the Radian Corporation. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

PREFACE

The National Air Toxics Information Clearinghouse has been established by the U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, to support State and local programs in the control of non-criteria air pollutants. It is intended to facilitate information exchange among State and local agencies, and between EPA and State and local agencies, and to minimize duplication of effort. For the purposes of the Clearinghouse, a toxic air pollutant is defined as any non-criteria air pollutant. Inclusion of a pollutant in the Clearinghouse does not necessarily mean that it is toxic at ambient concentrations. The Clearinghouse consists of an on-line computerized data base (NATICH) which contains information on potentially toxic air pollutants, hard copy reports of information from the data base (such as this one), special reports, and a quarterly newsletter.

The purpose of this report is to disseminate information provided to the NATICH data base by State and local air agencies on their air toxics activities. This computer-generated report supersedes manually- and computer-prepared reports published in September 1984, March 1985, September 1985, and July 1986. It both updates and extends (in new tables) the information in the first four reports and contains information received through July 1987. This report includes a listing of State and local agencies that have provided information to the Clearinghouse, air toxics contacts, regulatory program information, acceptable ambient concentration guidelines or standards and the bases of those guidelines/standards, pollutant research information, methods development activities, permitting information, source testing information, ambient monitoring information, emissions inventory information, and risk assessment information. Because of the large volume of data that now resides in the data base, this document reports only a subset of the permitting and source testing information.

Plans call for the data provided by both Federal and State and local air agencies to be expanded and updated on a regular basis. The Clearinghouse will distribute this information periodically in computer-generated reports to Clearinghouse users. Users also can directly query the data base and view the response on a terminal or printout*, or if compatible equipment is not available, assistance can be obtained through the EPA Regional offices. EPA Regional Office Air Toxics Contacts follow.

---

*A copy of the "NATICH Data Base Users Guide for Data Viewing" may be obtained by contacting: Nancy Riley, Pollutant Assessment Branch, MD-12, U.S. Environmental Protection Agency, Research Triangle Park, NC, 27711, (919) 541-0850; FTS 629-0850.

Region	Contact	
I	Margaret McDonough (617) 565-3235	FTS 835-3235
	Sarah Levinson (617) 565-3232	FTS 835-3232
II	Bob Kelly (212) 264-2517	FTS 264-2517
III	Iz Milner (215) 597-9090	FTS 597-9090
IV	Melvin Russell (404) 881-2864	FTS 257-2864
	Sharon Porter (404) 881-2864	FTS 257-2864
V	Harriet Croke (312) 353-6009	FTS 353-6009
VI	Jill Lyons (214) 665-7208	FTS 255-7208
VII	Wayne Kaiser (913) 236-2893	FTS 757-2893
VIII	Dewitt Baulch (303) 293-1761	FTS 564-1761
IX	Kathy Diehl (415) 974-8381	FTS 454-8381
X	Dave Kircher (206) 442-4198	FTS 399-4198

In addition, the NATICH data base currently contains citations and abstracts to air toxics-related documents at the Federal, State and local level and descriptions of relevant ongoing research and regulatory development projects by Federal agencies. This information will be expanded and updated on a regular basis and periodically distributed to Clearinghouse users as a separate document.

This report contains 13 sections. Sections 1-12 contain information submitted by State and local agencies. Section 1 lists the name, address, phone number, and abbreviation assigned by the data base to State and local agencies. The agency abbreviation is included in many tables instead of the full name of the agency; therefore, it will be helpful to become familiar with these abbreviations. Section 2 lists air toxics contact names and telephone numbers, and the number of work years assigned to air toxics by each agency. Section 3 contains updated summary descriptions of State and local air toxics programs. Information on acceptable ambient concentration guidelines and standards is presented in Section 4. Sections 5 and 6 describe pollutant research and methods development activities, respectively. Section 7 provides case history descriptions of non-health related impacts associated with toxic air pollutants. Section 8 is comprised of ambient monitoring information. Section 9 presents general permitting and source testing information, including the number of permits and source tests registered in the Clearinghouse. Section 10 presents selected permitting information sorted by pollutant and by SIC code. Each permit reported in this section is identified with an internally generated access number. A more complete description of each permit can be found in Appendix A, in consecutive order by access number. Similarily structured information on source tests is presented in Section 11 and Appendix B. Section 12 contains a description of activities in the area of emissions inventory. Section 13 presents risk analysis data compiled by EPA during the assessment of certain chemicals as potentially hazardous air pollutants, sorted by pollutant and by State.

Information on toxic air pollutants is entered into the data base, stored, and reported by Chemical Abstracts Service Registry Number (CAS #). Clearinghouse acronyms prefaced with "CL - " have been assigned to groups of similar pollutants where no CAS# was applicable. Appendix C provides a list of Clearinghouse chemical acronyms used in place of the CAS#.

The data contained in this report have been presented essentially as received by the Clearinghouse from State and local agencies and from EPA. Updates or corrections to these data should be reported to:

Sandy Smith
Radian Corporation
P.O. Box 201088
Austin, TX 78720-1088
(512) 454-4797

The attached list provides information on other Clearinghouse publications.

NATIONAL AIR TOXICS INFORMATION CLEARINGHOUSE PUBLICATIONS

	Title*	Publication Date
1.	National Air Toxics Information Clearinghouse Newsletters	Quarterly
2.	Rationale for Air Toxics Control in Seven State and Local Agencies EPA-450/5-86-005 NTIS: PB86 181179/AS	August 1985
3.	NATICH Data Base Users Guide for Data Viewing EPA-450/5-85-008 NTIS: PB86 123601/AS	September 1985
4.	Ongoing Research and Regulatory Development Projects EPA-450/5-86-007 NTIS: PB86 226396/AS	June 1986
5.	Bibliography of Selected Reports and Federal Register Notices Related to Air Toxics EPA-450/5-86-008 NTIS: PB87 125787/AS	July 1986
6.	NATICH: How the Clearinghouse Can Help to Answer Your Air Toxics Questions EPA-450/5-86-009	July 1986
7.	Methods for Pollutant Selection and Prioritization EPA-450/5-86-010 NTIS: PB87 124079/AS	July 1986
8.	NATICH Data Base Report on State and Local Agency Air Toxics Activities, 1986; Vol. I EPA-450/5-86-011a Vol. II EPA-450/5-86-011b NTIS: PB87 125779/AS	July 1986
9.	NATICH Data Base Users Guide for Data Entry and Editing, 1987 EPA-450/5-87-002 NTIS: PB87 175576/AS	February 1987
10.	NATICH: Quantitative Risk Assessment for Carcinogens	Summer 1987

* All titles begin with "Air Toxics Information Clearinghouse" or "National Air Toxics Information Clearinghouse".

TABLE OF CONTENTS

Section		Page
Disclaimer		ii
Preface		iii
List of Tables		viii
1.0	STATE AND LOCAL AGENCIES.	1
2.0	AIR TOXICS CONTACTS	15
3.0	REGULATORY PROGRAM INFORMATION.	33
4.0	ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS.	47
5.0	POLLUTANT RESEARCH.	129
6.0	METHODS DEVELOPMENT ACTIVITIES.	139
7.0	NON-HEALTH RELATED IMPACTS.	151
8.0	AMBIENT MONITORING INFORMATION.	153
9.0	GENERAL PERMITTING AND SOURCE TESTING INFORMATION	201
10.0	PERMITTING INFORMATION.	203
11.0	SOURCE TESTING INFORMATION.	215
12.0	EMISSIONS INVENTORY INFORMATION	233
13.0	RISK ANALYSIS INFORMATION	277
Appendix A - Permit Descriptions.		309
Appendix B - Source Test Descriptions		327
Appendix C - Clearinghouse CAS Numbers.		351

LIST OF TABLES

Table		Page
1	Agency Name, Address, Phone Number, Acronym	2
2	Air Toxics Contacts: Regulatory Program, Permitting, Source Testing, and Ambient Monitoring	16
3	Air Toxics Contacts: Emissions Inventory, Health Effects, and Indoor Air	24
4	Number of Work Years Assigned to Air Toxics by Agency	31
5	Regulatory Program Information	35
6	Regulatory Program Comments.	38
7	Acceptable Ambient Concentration Guidelines or Standards	50
8	Comments on Acceptable Ambient Concentration Guidelines or Standards.	127
9	Pollutant Research	130
10	Comments on Pollutant Research	137
11	Methods Development Activities: Emissions Testing.	140
12	Methods Development Activities: Ambient Monitoring	141
13	Methods Development Activities: Dispersion Modeling.	143
14	Methods Development Activities: Accident Prevention/Emergency Response.	145
15	Methods Development Activities: Ambient Exposure Assessment	147
16	Methods Development Activities: Non-Traditional Sources.	148
17	Methods Development Activities: Indoor Air.	149
18	Methods Development Activities: Other.	150

LIST OF TABLES (Continued)

Table		Page
19	Non-health Related Impacts	152
20	Ambient Monitoring Information	154
21	General Permitting and Source Testing Information.	202
22	Selected Permitting Information by Pollutant Name.	205
23	Selected Permitting Information by SIC Code. . . .	210
24	Selected Source Testing Information by Pollutant Name	216
25	Selected Source Testing Information by SIC Code. .	222
26	Air Toxics Emissions Inventory Information	235
27	Air Toxics Emissions Inventory Comments.	237
28	Air Toxics Emissions Inventory Data	242
29	Selected EPA Risk Analysis Information by Pollutant	279
30	Selected EPA Risk Analysis Information by State. .	294

SECTION 1

STATE AND LOCAL AGENCIES

Table 1 lists the name, address, phone number, and abbreviation assigned by the data base of State and local agencies that have provided information to the Clearinghouse. The agencies are presented in alphabetical order by State.

The agency abbreviation is included in many subsequent tables in this report instead of the full name of the agency. Therefore, it will be helpful to become familiar with these abbreviations. Generally, the abbreviation consists simply of the two-letter State abbreviations for the State agencies. For the local agencies, an abbreviation for the city, county, or local district name is added to the two-letter State abbreviation. For example, the abbreviation for the Bureau of Air Quality Control for the State of Pennsylvania is PA; the abbreviation for Air Management Services for the City of Philadelphia is PA-Phil.

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
AK	AK DEPT. OF ENV. CONSERVATION POUCH O JUNEAU, AK 99811 (907)465-2606	AK
AL	AL DEPT. OF ENV. MANAGEMENT STATE CAPITOL MONTGOMERY, AL 36130 (205)271-7861	AL
AR	AR DEPT. OF POLLUTION CONTROL AND ECOLOGY, AIR DIVISION 8001 NATIONAL DRIVE LITTLE ROCK, AR 72209 (501)562-7444	AR
AZ	AZ DEPT. OF HEALTH SERVICES, BUR. OF AIR QUALITY CONTROL 2005 N. CENTRAL PHOENIX, AZ 85004 (602)257-0022	AZ
AZ	MARICOPA CO. DEPT. OF HEALTH SER., BUR. OF AIR POLL. CONTROL 1845 E. ROOSEVELT ST. PHOENIX, AZ 85006 (602)258-6381	AZ-PHOENIX
AZ	AZ PINAL-GILA COUNTIES AIR QUALITY CONTROL DISTRICT P.O. BOX 1076 FLORENCE, AZ 85232 (602)868-5801	AZ-PIGICO
AZ	AZ PIMA COUNTY AIR QUALITY CONTROL DISTRICT 150 W. CONGRESS ST. TUCSON, AZ 85701 (602)792-8686	AZ-PIMACO
CA	CA AIR RESOURCES BOARD BOX 2815 SACRAMENTO, CA 95812 (916)322-2990	CA
CA	BAY AREA AIR QUALITY MANAGEMENT DISTRICT 939 ELLIS STREET SAN FRANCISCO, CA 94109 (415)771-6000	CA-BAAQMD
CA	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT 9150 FLAIR DRIVE EL MONTE, CA 91731 (818)572-6200	CA-SCAQMD

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
CA	SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT 9323 TECH CENTER, SUITE 800 SACRAMENTO, CA 95826 (916)366-2107	CA-SAC.
CA	MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT 1164 MONROE ST., #10 SALINAS, CA 93906 (408)443-1135	CA-MONT.
CA	SANTA BARBARA CO. AIR POLLUTION CONTROL DISTRICT 5540 EDWILL SUITE B SANTA BARBARA, CA 93111 (805)964-8111	CA-S.BARB.
CA	SAN DIEGO CO. AIR POLLUTION CONTROL DISTRICT 9150 CHESAPEAKE DRIVE SAN DIEGO, CA 92123 (619)565-3947	CA-S.DIEGO
CA	BUTTE CO AIR POLLUTION CONTROL DISTRICT 316 NELSON AVE., P.O. BOX 1229 OROVILLE, CA 95965 (916)538-7383	CA-BUTTE
CA	SISKIYOU COUNTY A.P.C.D. 525 SOUTH FOOTHILL DR. YREKA, CA 96097 (916)842-3906	CA-SISK
CA	KERN COUNTY APCD 1601 "H" STREET, SUITE 250 BAKERSFIELD, CA 933015199 (805)861-3682	CA-KERN CO
CA	FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT 1221 FULTON MALL FRESNO, CA 93721 (209)445-3239	CA-FRESNO
CA	STANISLAUS COUNTY AIR POLLUTION CONTROL DISTRICT 1716 MORGAN RD MODESTO, CA 95351 (209)571-6908	CA-STANISL
CA	AMADOR COUNTY AIR POLLUTION CONTROL DISTRICT 108 COURT STREET JACKSON, CA 956422379 (209)223-6406	CA-AMADOR

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
CA	MODOC CO. AIR POLLUTION CONTROL DIST. 202 WEST 4TH STREET ALTURAS, CA 96134 (916)233-3939	CA-MODOC
CO	CO DEPT. OF HEALTH 4210 E. 11TH AVENUE DENVER, CO 80220 (303)331-8500	CO
CO	ENVIRONMENTAL HEALTH DEPARTMENT, CITY OF ASPEN 130 SOUTH GALENA ASPEN, CO 81611 (303)925-2020	CO-ASPEN
CO	EL PASO COUNTY HEALTH DEPARTMENT 501 N. FOOTE COLORADO SPRINGS, CO 80909 (303)578-3137	CO-ELPASO
CT	CT DEPT. OF ENV. PROTECTION, AIR COMPLIANCE UNIT 165 CAPITOL AVE., RM. 146 HARTFORD, CT 06106 (203)566-2690	CT
CT	MILFORD HEALTH DEPARTMENT 2051 BRIDGEPORT AVENUE MILFORD, CT 06460 (203)783-3287	CT-MILFORD
DC	D.C. DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS 5010 OVERLOOK AVENUE, SW WASHINGTON, DC 200325396 (202)767-7370	DC-DCRA
DE	DE DIV. OF ENV. CONTROL, AIR RESOURCES SECTION 89 KINGS HWY., BOX 1401 DOVER, DE 19903 (302)736-4791	DE
FL	FL DEPT. OF ENV. REG., BUR. OF AIR QUALITY MGMT. 2600 BLAIR STONE ROAD TALLAHASSEE, FL 323992400 (904)488-1344	FL
FL	BIO-ENVIRONMENTAL SERVICES DIV., CITY OF JACKSONVILLE 515 W. 6TH STREET JACKSONVILLE, FL 32206 (904)630-3210	FL-JACKSON

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
FL	HILLSBOROUGH CO. ENVIRONMENTAL PROTECTION COMMISSION 1900 9TH AVE. TAMPA, FL 32206 (813)272-5960	FL-TAMPA
FL	BROWARD COUNTY ENVIRONMENTAL QUALITY CONTROL BOARD 621 S. ANDREWS AVE. FT. LAUDERDALE, FL 33315 (305)765-4436	FL-FTLDLE
FL	PALM BEACH COUNTY HEALTH DEPARTMENT 901 EVERNIA STREET WEST PALM BEACH, FL 33402 (305)820-3070	FL-PALMBE
GA	GA DEPT. OF NATURAL RESOURCES, AIR PROTECTION BRANCH 270 WASHINGTON ST. SW ATLANTA, GA 30334 (404)656-4867	GA
HI	HI DEPT. OF HEALTH, ENV. PERMITS BRANCH 645 HALEKAUWILA STREET,3RD FL. HONOLULU, HI 96813 (808)548-6410	HI
IA	IOWA DEPT. OF NATURAL RESOURCES 900 E. GRAND AV.,WALLACE BLDG. DES MOINES, IA 50309 (515)281-8690	IA
IA	LINN COUNTY HEALTH DEPARTMENT AIR POLLUTION DIVISION 751 CENTER PT. RD. NE. CEDAR RAPIDS, IA 52402 (319)398-3551	IA-LINNCO
ID	ID DIV. OF ENV., AIR QUALITY BUR. 450 W. STATE STREET BOISE, ID 83720 (208)334-5362	ID
IL	EL ENV. PROT. AGENCY, DIV. OF AIR POLLUTION CONTROL 2200 CHURCHILL RD.,BOX 19276 SPRINGFIELD, IL 62794 (217)782-2113	IL
IL	DEPT. OF INSPECTIONS & PERMITS, CITY OF EVANSTON 2100 RIDGE AVENUE EVANSTON, IL 60204 (312)866-2952	IL-EVAN.

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
IL	BEDFORD PARK ENVIRONMENTAL QUALITY CONTROL BOARD P.O. BOX 128 ARGO, IL 605010128 (312)458-2975	IL-BEDPK
IN	INDIANA DEPT. OF ENV. MANAGEMENT 105 SOUTH MERIDIAN ST. INDIANAPOLIS, IN 46225 (317)232-8325	IN
IN	HAMMOND AIR POLLUTION CONTROL 5925 CALUMET AVENUE HAMMOND, IN 46320 (219)853-6306	IN-HAMMOND
IN	INDIANAPOLIS AIR POLLUTION CONTROL DIVISION 2700 SOUTH BELMONT AVE. INDIANAPOLIS, IN 46221 (317)633-5496	IN-INNAP
IN	VIGO COUNTY AIR POLLUTION CONTROL 201 CHERRY STREET TERRE HAUTE, IN 47807 (812)238-8433	IN-VIGO
KS	TOPEKA-SHAWNEE COUNTY HEALTH DEPARTMENT P.O. BOX 118, 1615 WEST 8TH TOPEKA, KS 66601 (913)233-8961	KS-T/S
KS	KS. DEPT. OF HEALTH AND ENV., BUR. OF AIR QUAL. & RAD. CNTRL BLDG. 321, FORBES FIELD TOPEKA, KS 66620 (913)862-9360	KS
KS	KANSAS CITY-WYANDOTTE CO. DEPT. OF HLTH;AIR POLLUTION CNTRL 619 ANN AVE. KANSAS CITY, KS 66101 (913)321-4803	KS-KC
KY	KY NAT. RES. & ENV. PROT. CABINET, DIV. FOR AIR QUALITY 18 REILLY RD. FRANKFORT, KY 40601 (502)564-3382	KY
LA	LA DEPT. OF ENVIRONMENTAL QUALITY, AIR QUALITY DIV. BOX 44096 BATON ROUGE, LA 70804 (504)342-1201	LA

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
MA	MA DEPT OF ENV. QUALITY ENG.,DIV. OF AIR QUALITY CONTROL ONE WINTER ST., 8TH FL. BOSTON, MA 02108 (617)292-5630	MA
MD	MD DEPT. OF HEALTH & MENTAL HYGIENE, AIR MANAGEMENT ADMIN. 201 W. PRESTON STREET BALTIMORE, MD 21201 (301)383-2779	MD
MD	BALTIMORE COUNTY DIVISON OF AIR POLLUTION CONTROL MARYLAND AVENUE & HELLEN ROAD TOWSON, MD 21204 (301)494-3775	MD-BALT
ME	ME DEPT. OF ENV. PROT., BUR. OF AIR QUALITY CONTROL STATEHOUSE STATION 17 AUGUSTA, ME 04333 (207)289-2437	ME
MI	MI DEPT. OF NATURAL RESOURCES, AIR QUALITY DIV. BOX 30028 LANSING, MI 48909 (517)373-7023	MI
MI	AIR POLLUTION CONTROL DIV., WAYNE CO. HEALTH DEPT. 2211 E. JEFFERSON ST. DETROIT, MI 48207 (313)567-4100	MI-DETROIT
MN	MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY 520 LAFAYETTE RD. N. ST. PAUL, MN 55155 (612)296-7373	MN
MO	MO DEPT. OF NATURAL RESOURCES, AIR POLLUTION CONTROL PROGRAM BOX 176 JEFFERSON CITY, MO 65102 (314)751-4817	MO
MO	ST. LOUIS COUNTY AIR POLLUTION CONTROL 801 SOUTH BRENTWOOD BLVD. CLAYTON, MO 63105 (314)854-6921	MO-STLUCO
MO	SPRINGFIELD-GREENE COUNTY AIR POLLUTION CONTROL AUTHORITY 227 EAST CHESTNUT EXPRESSWAY SPRINGFIELD, MO 65802 (417)864-1662	MO-SPGRCO

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
MS	MS DEPT. OF NATURAL RESOURCES, BUREAU OF POLLUTION CONTROL 2380 HIGHWAY 80 WEST JACKSON, MS 39209 (601)961-5171	MS
MT	MT DEPT. OF HEALTH AND ENV. SCIENCES, AIR QUALITY BUREAU COGSWELL BLDG. HELENA, MT 59620 (406)444-3454	MT
MT	MISSOULA CO. HEALTH DEPT. 301 W. ALDER MISSOULA, MT 59802 (406)721-5700	MT-MISSOU
NC	NC DIV. OF ENV. MGMT., AIR QUALITY SECTION BOX 27687 RALEIGH, NC 27611 (919)733-3340	NC
NC	FORSYTH COUNTY ENVIRONMENTAL AFFAIRS DEPARTMENT 537 N. SPRUCE STREET WINSTON-SALEM, NC 27101 (919)727-8060	NC-FORCO
NC	W.N.C. REGIONAL AIR POLLUTION CONTROL AGENCY P.O. BOX 7215 ASHEVILLE, NC 28807 (704)255-5655	NC-WNC
ND	ND DEPT. OF HEALTH, DIVISION OF ENVIRONMENTAL ENGINEERING 1200 MISSOURI AVE,BX 5520,R304 BISMARCK, ND 585025520 (701)224-2348	ND
NE	NE DEPT. OF ENV. CONTROL, AIR POLLUTION DIV. BOX 94877 LINCOLN, NE 68509 (402)471-2186	NE
NH	NH DEPT. OF ENV. SERVICES, AIR RESOURCES DIV. 64 N. MAIN STREET_BOX 2033 CONCORD, NH 03302 (603)271-1370	NH
NJ	NJ DEPT. OF ENV. PROT., BUR. OF AIR POLLUTION CONTROL CN 027, 401 E. STATE ST. TRENTON, NJ 08625 (609)292-6704	NJ

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
NJ	HUDSON REGIONAL HEALTH COMMISSION 313 HARRISON AVE. HARRISON, NJ 07029 (201)485-7002	NJ-HUDSON
NM	NM ENV. IMPROVEMENT DIV., AIR QUALITY BUR. BOX 968 SANTA FE, NM 87504 (505)827-0070	NM
NV	NV DIVISION OF ENVIRONMENTAL PROTECTION,AIR QUALITY CONTROL 201 S. FALL STREET CARSON CITY, NV 89710 (702)885-5065	NV
NV	AIR POLLUTION CONTROL DIV., DIST. HEALTH DEPT. OF CLARK CO. 625 SHADOW LANE LAS VEGAS, NV 89106 (702)383-1276	NV-L.VEGAS
NY	NY DEPT OF ENV. CONSERVATION, DIV. OF AIR QUALITY 50 WOLF ROAD ALBANY, NY 12233 (518)457-7688	NY
NY	NASSAU CO. DEPT. OF HEALTH, BUR. OF AIR POLLUTION CONTROL 240 OLD COUNTRY ROAD MINEOLA, NY 11501 (516)535-3671	NY-NASSAU
OH	OHIO EPA, DIV. OF AIR POLLUTION CONTROL P.O. BOX 1049, 1800 WATERMARK COLUMBUS, OH 43266 (614)481-4310	OH
OH	CLEVELAND DIV. OF AIR POL. CONTROL, DEPT. OF PUBLIC HEALTH 2735 BROADWAY AVE. CLEVELAND, OH 44115 (216)664-3591	OH-CLEVE.
OH	MONTGOMERY CO. REGIONAL AIR POLLUTION CONTROL AGENCY BOX 972, 451 W. THIRD ST. DAYTON, OH 45422 (513)225-4435	OH-DAYTON
OH	TOLEDO ENVIRONMENTAL SERVICES AGENCY 26 MAIN STREET TOLEDO, OH 43605 (419)693-0350	OH-TOLEDO

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
OH	LAKE COUNTY GENERAL HEALTH DISTRICT P.O. BOX 490, 105 MAIN STREET PAINESVILLE, OH 44077 (216)357-2543	OH-LAKECO
OH	SOUTHWEST OHIO AIR POLLUTION CONTROL AGENCY 2400 BEEKMAN STREET CINCINNATI, OH 45214 (513)251-8777	OH-SW
OH	NORTH OHIO VALLEY AIR AUTHORITY 814 ADAMS STREET STEUBENVILLE, OH 43952 (614)282-3303	OH-NOVAA
OK	OK DEPT. OF HEALTH, AIR QUALITY SERVICE BOX 53551, 1000 NE 10TH ST. OKLAHOMA CITY, OK 73152 (405)271-5220	OK
OK	TULSA CITY-COUNTY HEALTH DEPT., AIR QUALITY CONTROL 4616 EAST 15TH TULSA, OK 74112 (918)744-1000	OK-TULSA
OR	OR DEPT. OF ENV. QUALITY, AIR QUALITY CONTROL DIV. 811 SW 6TH AVE PORTLAND, OR 97204 (503)229-6411	OR
OR	LANE REGIONAL AIR POLLUTION AUTHORITY 225 NORTH 5TH, SUITE 501 SPRINGFIELD, OR 97477 (503)726-2514	OR-LANE
PA	PA DEPT. OF ENV. RESOURCES, BUR. OF AIR QUALITY CONTROL 200 N. THIRD STREET HARRISBURG, PA 17120 (717)787-9702	PA
PA	PHIL. DEPT. OF PUBLIC HEALTH, AIR MANAGEMENT SERVICES 500 S. BROAD ST., 2ND FL. PHILADELPHIA, PA 19146 (215)686-7842	PA-PHIL.
PA	ALLEGHENY CO. BUREAU OF AIR POLLUTION CONTROL 301 39TH STREET PITTSBURGH, PA 15201 (412)578-8111	PA-PITT.

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
PR	PUERTO RICO ENVIRONMENTAL QUALITY BOARD BOX 11488 SANTURCE, PR 00910 (809)722-0077	PR
RI	RI DEPT OF ENV. MGMT., DIV. OF AIR & HAZ. MATERIALS 75 DAVIS ST., 204 CANNON BLDG. PROVIDENCE, RI 02908 (401)277-2808	RI
SC	SC DEPT. OF HEALTH & ENV. CONTROL, BUR. OF AIR QUAL. CONTROL 2600 BULL STREET COLUMBIA, SC 29201 (803)758-5406	SC
SD	SD DEPT. OF WATER & NAT. RES., OFFICE OF AIR QUALITY FOSS BUILDING, RM 217 PIERRE, SD 57501 (605)773-3153	SD
TN	KNOX COUNTY DEPARTMENT OF AIR POLLUTION CONTROL 400 MAIN AVENUE, CITY-CO. BLDG KNOXVILLE, TN 37902 (615)521-2488	TN-KNOX
TN	TN DEPT. OF PUBLIC HEALTH, DIV. OF AIR POLLUTION CONTROL 150 9TH AV. N., TERRA BLDG. NASHVILLE, TN 37203 (615)741-3651	TN
TN	CHATTANOOGA-HAMILTON CO. AIR POLLUTION CONTROL BUREAU 3511 ROSSVILLE BLVD. CHATTANOOGA, TN 37407 (615)867-4321	TN-CHAT.
TN	MEMPHIS-SHELBY CO. DEPT. OF HEALTH 814 JEFFERSON AVE. MEMPHIS, TN 38105 (901)576-7775	TN-MEMPHIS
TN	METRO HEALTH DEPT. POLLUTION CONTROL DIVISION 311 23RD AVENUE,NORTH NASHVILLE, TN 37203 (615)327-9313	TN-NASH
TX	TX AIR CONTROL BOARD 6330 HIGHWAY 290 EAST AUSTIN, TX 78723 (512)451-5711	TX

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
UT	UT DEPT. OF HEALTH, BUR. OF AIR QUALITY BOX 2500 SALT LAKE CITY, UT 84110 (801)533-6108	UT
VA	VA AIR POLLUTION CONTROL BOARD 9TH ST. OFFICE BLDG., RM. 801 RICHMOND, VA 23219 (804)786-4867	VA
VI	DEPT. OF CONSERV. & CULTURAL AFFAIRS, U.S. VIRGIN ISLANDS P.O. BOX 4340 CHARLOTT AMALIE,, VI 00801 (809)725-5140	VI
VT	VT DEPT. ENVIRONMENTAL CONSERVATION, AIR POLLUTION CNT. DIV. 103 SO. MAIN ST. BLDG. 3 SOUTH WATERBURY, VT 05676 (802)244-8731	VT
WA	WA DEPT. OF ECOLOGY, OFFICE OF HAZ. SUB. & AIR QUALITY CNTL. ROW SIX, P.B. -11 OLYMPIA, WA 98504 (206)459-6711	WA
WA	PUGET SOUND AIR POLLUTION CONTROL AGENCY 200 W MERCER ST #205 SEATTLE, WA 981193958 (206)344-7335	WA-PUGET
WA	OLYMPIA AIR POLLUTION CONTROL AUTHORITY 120 E. STATE AVE OLUMPIA, WA 98501 (206)352-4881	WA-OLYMPIA
WA	GRANT COUNTY CLEAN AIR AUTHORITY P.O. BOX 37 EPHRATA, WA 98823 (509)754-2011	WA-GRANT
WA	SOUTH WEST AIR POLLUTION CONTROL AUTHORITY 1308 N.E. 134TH STR. SUITE D VANCOUVER, WA 98685 (206)574-3058	WA-SWEST
WI	WI DEPT. OF NAT. RES., BUR. OF AIR MANAGEMENT BOX 7921 MADISON, WI 53707 (608)266-7718	WI

TABLE 1. AGENCY NAME, ADDRESS, PHONE NUMBER, ACRONYM

STATE	AGENCY	ACRONYM
WV	WV AIR POLLUTION CONTROL COMMISSION 1558 WASHINGTON ST., EAST CHARLESTON, WV 25311 (304)348-3286	WV
WY	WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. 122 WEST 25TH STREET CHEYENNE, WY 82002 (307)777-7391	WY

SECTION 2

AIR TOXICS CONTACTS

State and local air toxics contact names and telephone numbers have been compiled for seven areas of expertise: regulatory program, permitting, source testing, ambient monitoring, emissions inventory, health effects, and indoor air. Tables 2 and 3 list the contacts, in alphabetical order by State. If a name is particularly long, or if two names were submitted, the name may be truncated to fit into the space available. These contacts will be able to provide more detailed information about a State's or locality's air toxics activities than is contained in this report. If the reader has a question regarding source testing activities in the state of Minnesota, for example, the contact name listed for source testing in Minnesota should be consulted. If a contact is not listed for a specific area of expertise, please consult with one of the other listed contacts.

The contact names are provided to promcte the exchange of information on air toxics activities among State and local agencies and other interested parties. These contact names supersede lists of air toxics contacts previously reported by the Clearinghouse.

Table 4 provides the number of work years assigned to air toxics, including management levels, for each of the seven areas of expertise listed above. Only those agencies submitting work year information are presented in Table 4.

Preceding page blank

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
AK	LEN VERRELLI (907)465-2666	JON SANDSTEDT (907)465-2666	NONE (---)--------	TOM CHAPPLE (907)465-2666
AL	RICHARD E. GRUSNICK (205)271-7861	RICHARD E. GRUSNICK (205)271-7861	NONE (---)--------	NONE (---)--------
AR	WILSON TOLEFREE (501)562-7444	CECIL HARRELL (501)562-7444	JOHN MITCHELL (501)562-7444	JOHN MITCHELL (501)562-7444
AZ	JAMES L. GUYTON (602)257-2239	CARROLL DEKLE (602)257-2282	CARROLL DEKLE (602)257-2282	JAMES L. GUYTON (602)257-2239
AZ-PHOENIX	LAWRENCE CRISAFULLI (602)258-6381	LAWRENCE CRISAFULLI (602)258-6381	NONE (---)--------	NONE (---)--------
AZ-PIGICO	DOROTHY RANKIN (602)868-5801	DOROTHY RANKIN (602)868-5801	DOROTHY RANKIN (602)868-5801	DOUGLAS H. OLSON (602)868-5801
AZ-PIMACO	LEE FOX (602)792-8803	JOHN MANN (602)792-8686	NONE (---)--------	GEORGE BOULTER (602)792-8686
CA	WILLIAM V. LOSCUTOFF (916)445-0650	PETER D. VENTURINI (916)322-2990	DEAN SIMEROTH (916)445-0657	JIM SHIKIYA (818)575-6815
CA-BAAQMD	ED MILLER (415)771-6000	BILL DEBOISBLANC (415)771-6000	GALE KARELSGI (415)771-6000	DARIO LEVAGGI (415)771-6000
CA-SCAQMD	LARRY BOWEN (818)572-6445	WILLIAM DENNISON (818)572-6209	JOHN HIGUCHI (818)572-6485	WILLIAM BOPE (818)572-6398
CA-SAC.	ERIC SKELTON (916)366-2107	ERIC SKELTON (916)366-2107	ERIC SKELTON (916)366-2107	ERIC SKELTON (916)366-2107
CA-MONT.	FRED THOITS (408)443-1135	FRED THOITS (408)443-1135	DOUG QUETIN (408)443-1135	DOUG QUETIN (408)443-1135
CA-S.BARB.	CRAIG STROMMEN (805)964-8111	CRAIG STROMMEN (805)964-8111	CRAIG STROMMEN (805)964-8111	KATHY MILWAY (805)964-8111
CA-S.DIEGO	RICHARD SMITH (619)565-3947	MIKE LAKE (619)565-3918	STELLA WILCOX (619)565-3947	STELLA WILCOX (619)565-3947

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
CA-BUTTE	JEFFREY MOTT (916)538-7383	JEFFREY MOTT (916)538-7383	NONE (---)--------	NONE (---)--------
CA-SISK	KENNETH CORBIN (916)842-3906	KENNETH CORBIN (916)842-3906	KENNETH CORBIN (916)842-3906	KENNETH CORBIN (916)842-3906
CA-KERN CO	CITRON TOY (805)861-3682	TOM PAXSON (805)861-3682	HENRY MAYRSOHN (805)861-3682	HENRY MAYRSOHN (805)861-3682
CA-FRESNO	ROBERT C. DOWELL (209)445-3239	NONE (---)--------	NONE (---)--------	NONE (---)--------
CA-STANISL	MARK BOESE (209)571-6908	MARK BOESE (209)571-6908	MARK BOESE (209)571-6908	NONE (---)--------
CA-AMADOR	ROXANNE JAQUES (209)223-6406	ROXANNE JAQUES (209)223-6406	ROXANNE JAQUES (209)223-6406	ROXANNE JAQUES (209)223-6406
CA-MODOC	CLINTON B. GREENBANK (916)233-3939	NONE (---)-------	NONE (---)--------	NONE (---)--------
CO	JOHN CLOUSE (303)331-8578	JIM GEIER (303)331-8578	BOB JORGENSON (303)331-8578	STEVE ARNOLD (303)331-----
CO-ASPEN	LEE CASSIN (303)925-2020	NONE (---)--------	NONE (---)--------	NONE (---)--------
CO-ELPASO	NONE (---)-------	NONE (---)--------	NONE (---)--------	NONE (---)--------
CT	J. GOVE/T. MCKINLEY (203)566-2690	DAVE NASH (203)566-3160	GEORGE MILLER (203)566-3310	DAVE GREGORSKI (203)566-3310
CT-MILFORD	NONE (---)-------	NONE (---)--------	NONE (---)--------	NONE (---)--------
DC-DCRA	DON WAMBSGANS (202)767-7370	DON WAMBSGANS (202)767-7370	DON WAMBSGANS (202)767-7370	BILL MORELAND (202)767-7370
DE	RAYMOND MALENFANT (302)736-4791	RAYMOND MALENFANT (302)736-4791	RAYMOND MALENFANT (302)736-4791	RAYMOND MALENFANT (302)736-4791

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
FL	JOHN GLUNN,M.S. (904)488-1344	CLAIR FANCY,P.E. (904)488-1344	JOHN BROWN,P.E. (904)488-1344	BILL BLOMMEL,B.S. (904)488-1344
FL-JACKSON	DIANE SWARTZ (904)630-3210	KHURSHID MEHTA (904)630-3210	ALAN LUTHER (904)630-3210	MARION DEGROVE (904)630-3210
FL-TAMPA	DARREL GRAZIANI (813)272-5960	VICTOR SAN AGUSTIN (813)272-5960	NONE (---)--------	GARY DUET (813)272-5960
FL-FTLDLE	WILLIAM HAHNE (305)765-4436	WILLIAM HAHNE (305)765-4436	NONE (---)--------	NONE (---)--------
FL-PALMBE	DAVID VENSEL (305)820-3070	JAMES STORMER (305)820-3070	JAMES STORMER (305)820-3070	DANIEL BRUNET (305)820-3070
GA	MARVIN M. LOWRY (404)656-4867	JOHN W. MITCHELL (404)656-6900	NONE (---)--------	NONE (---)--------
HI	NONE (---)--------	NONE (---)--------	NONE (---)--------	NONE (---)--------
IA	REXFORD WALKER (515)281-8935	BILL YOUNGQUIST (515)281-8924	DAVE PHELPS (515)281-8925	JOHN VEDDER (515)281-8411
IA-LINNCO	NONE (---)--------	NONE (---)--------	NONE (---)--------	NONE (---)--------
ID	KENNETH BROOKS (208)334-5360	ROBERT GROVES (208)334-5362	MICHELLE REESMAN (208)334-5362	JOHN LEDGER (208)334-5362
IL	MR. JAMES BUCKERT (217)782-2113	MR. TERRY SWEITZER (217)782-2113	MR. JAMES BUCKERT (217)782-2113	MR. DAVID KOLAZ (217)782-5811
IL-EVAN.	VERN ODOM (312)866-2952	VERN ODOM (312)866-2952	DWIGHT ROEPENACK (312)866-2952	DWIGHT ROEPENACK (312)866-2952
IL-BEDPK	NONE (---)--------	SCOTT MIXSON (312)458-2975	NONE (---)--------	SCOTT MIXSON (312)458-2975
IN	BARRY J. TITUS (317)232-8325	TIMOTHY L. JONES (317)232-8325	LARRY FEDOR (317)633-0668	LARRY FEDOR (317)633-0668

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
IN-HAMMOND	RAFIU I. DANIA (219)853-6306	RAFIU I. DANIA (219)853-6306	CHARLES HATTEN (219)853-6307	MILAN KRUSZYNSKI (219)853-6308
IN-INNAP	AMY SILVER (317)633-5501	DAVID R. JORDON (317)633-5497	NONE (---)--------	NONE (---)--------
IN-VIGO	C. LARRY BEDDOW (812)238-8433	C. LARRY BEDDOW (812)238-8433	C. LARRY BEDDOW (812)238-8433	C. LARRY BEDDOW (812)238-8433
KS-T/S	RANDY WALKER (913)233-8961	NONE (---)-------	NONE (---)--------	NONE (---)--------
KS	DANA MORRIS (913)862-9360	L. C. HINTHER (913)862-9360	DANA MORRIS (913)862-9360	JAN SIDES (913)862-9360
KS-KC	NONE (---)--------	NONE (---)--------	NONE (---)--------	NONE (---)--------
KY	HISHAM M. SAAID (502)564-3382	JAMES W. DILLS (502)564-3382	GERALD SLUCHER (502)564-3382	DIANA ANDREWS (502)564-3382
LA	GUS VON BODUNGEN (504)342-1201	BHARAT CONTRACTOR (504)342-1201	JIM COURVILLE (504)342-1201	JAMES HAZLET (504)342-1201
MA	JAMES F. NEELY (617)292-5630	DON SQUIRES (617)292-5630	DON SQUIRES (617)292-5630	DONALD STEELE (617)727-9015
MD	SUSAN WIERMAN (301)225-5240	TAD ABURN (301)225-5260	DONALD ANDREW (301)225-5245	R. O'MELIA (301)225-5290
MD-BALT	NONE (---)-------	NONE (---)--------	NONE (---)--------	NONE (---)--------
ME	RONALD SEVERANCE (207)289-2437	RONALD SEVERANCE (207)289-2437	RONALD SEVERANCE (207)289-2437	RONALD SEVERANCE (207)289-2437
MI	CATHERINE SIMON (517)373-7023	JERRY AVERY (517)373-7023	KIM BUCHANAN (517)373-7023	JOHN SCHROEDER (517)373-7023
MI-DETROIT	THOMAS SHOENS (313)567-0122	ALVIN SCHEANS (313)567-4100	THOMAS SHOENS (313)567-0122	THOMAS SHOENS (313)567-0122

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
MN	DAVE THORNTON (612)296-7265	LISA THORVIG (612)296-7371	ED CROWLEY (612)296-7554	GARY ECKHARDT (612)296-7802
MO	TODD CRAWFORD (314)751-4817	MIKE THARPE (314)751-4817	RANDY RAYMOND (314)751-4817	RANDY RAYMOND (314)751-4817
MO-STLUCO	NONE (---)--------	NONE (---)--------	NONE (---)--------	ASHVIN GAJJAR (314)854-6910
MO-SPGRCO	RONALD BOYER (417)864-1663	RONALD BOYER (417)864-1663	NONE (---)-------	OREL BAKER (417)864-1681
MS	WAYNE B. ANDERSON (601)961-5171	WAYNE B. ANDERSON (601)961-5171	WAYNE B. ANDERSON (601)961-5171	WAYNE B. ANDERSON (601)961-5171
MT	ROBERT RAISCH/HAL ROBBINS (406)444-3454	HARRY KELTZ (406)444-3454	HARRY KELTZ (406)444-3454	STAN STERNBERG (406)444-3454
MT-NISSOU	J.H. CARLSON (406)721-5700	NONE (---)--------	NONE (---)--------	NONE (---)--------
NC	EARL MCCUNE (919)733-3340	MIKE SEWELL (919)733-3340	LEE DANIEL (919)733-3340	GEORGE MURRAY (919)733-3340
NC-FORCO	KEITH TART (919)727-8060	MICHAEL HASTINGS (919)727-8060	MICHAEL HASTINGS (919)727-8060	DEAN KAISER (919)727-8060
NC-WNC	RONALD BOONE (704)255-5655	JIM CODY (704)255-5655	JIM CODY (704)255-5655	BOB LEGG (704)255-5655
ND	DANA MOUNT (701)224-2348	NONE (---)--------	NONE (---)--------	NONE (---)--------
NE	GENE ROBINSON (402)571-2186	GENE ROBINSON (402)571-2186	GENE ROBINSON (402)571-2186	GENE ROBINSON (402)571-2186
NH	RICHARD ANDREWS (603)271-1370	DONALD C. DAVIS (603)271-1370	DONALD C. DAVIS (603)271-1370	MARK N. GREENBERG (603)271-1370
NJ	BOB MYERS (609)984-5292	RICHARD CRAIG (609)984-3032	LOU MIKOLAJCZYK (609)530-4042	CHARLES PIETARINEN (609)633-7648

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
NJ-HUDSON	DEBORAH RUCKI-DRAKE (201)485-7002	NONE (---)--------	NONE (---)--------	NONE (---)--------
NM	CECILIA WILLIAMS (505)827-0042	BRUCE NICHOLSON (505)827-0070	JIM ROMERO (505)827-0070	MARTIN RINALDI (505)827-0070
NV	LOWELL H. SHIFLEY (702)885-5065	GAY MCCLEARY (702)885-5065	NONE (---)--------	NONE (---)--------
NV-L.VEGAS	HAROLD GLESSER (702)383-1276	MICHAEL NAYLOR (702)383-1276	DAVID LEE (702)383-1276	JANETTE SMITH (702)383-1276
NY	BOB MAJEWSKI (518)457-7688	JOHN DAVIS (518)457-5618	ROBERT KERR (518)457-7454	DR. WILLIAM WEBSTER (518)457-7454
NY-NASSAU	ROBERT CLOSE (516)535-3671	ROBERT CLOSE (516)535-3671	ROBERT CLOSE (516)535-3671	ROBERT CLOSE (516)535-3671
OH	BOB HODANBOSI (614)481-4310	BOB HODANBOSI (614)481-4310	BRUCE WEINBERG (614)481-4310	JOHN MARTZ (614)481-4310
OH-CLEVE.	DOUGLAS D.SEAMAN (216)664-3512	DOUGLAS D.SEAMAN (216)664-3512	RICHARD A. DELL (216)664-3591	EDWARD J. FASKO (216)664-3560
OH-DAYTON	JIM GROSS (513)225-4431	D.C. MARSHALL (513)225-5941	D. THOMAS (513)225-5932	NONE (---)--------
OH-TOLEDO	PAUL F. MUNN (419)693-0350	PAUL F. MUNN (419)693-0350	PAUL F. MUNN (419)693-0350	RICK Z. USCILOWSKI (419)693-0350
OH-LAKECO	NONE (---)--------	NONE (---)--------	NONE (---)--------	NONE (---)--------
OH-SW	NA (513)251-8863	THOMAS TUCKER (513)251-8777	LEE GRUBER (513)251-8863	ROBERT SHAW (513)251-8863
OH-NOVAA	PAT DELUCA (614)282-3908	HAROLD STROHMEYER (614)282-3908	HAROLD STROHMEYER (614)282-3908	D. ZORBINI (614)282-3908
OK	JOHN DRAKE (405)271-5220	GRANT MARBURGER (405)271-5220	GRANT MARBURGER (405)271-5220	RANDALL WARD (405)271-5220

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
OK-TULSA	ROGER D. RANDOLPH (918)744-1000	JIM VAN SANDT (918)744-1000	RAY BISHOP (918)744-1000	RAY BISHOP (918)744-1000
OR	GREGG LANDE (503)229-6411	WENDY SIMS (503)229-6414	DON PETERS (503)229-5988	DENNIS DUNCAN (503)229-5983
OR-LANE	DICK RUTH (503)726-2514	PAUL WILLHITE (503)726-2514	PAUL WILLHITE (503)726-2514	CALVIN YOSHIDA (503)726-2514
PA	JACK MCGROGAN (717)787-4310	JACK MCGROGAN (717)787-4310	JACK MCGROGAN (717)787-4310	RALPH SCANLAN (717)787-2347
PA-PHIL.	ROBERT T. OSTROWSKI (215)875-5632	NORMAN GLAZER (215)875-5632	CLEMENS LAZENKA (215)288-5177	CLEMENS LAZENKA (215)288-5177
PA-PITT.	RICHARD BAKER (412)578-8127	J.D. GRAHAM (412)578-8116	HARILAL PATEL (412)578-8143	HARILAL PATEL (412)578-8143
PR	JUAN MERCED (809)722-0077	NONE (---)--------	NONE (---)--------	NONE (---)--------
RI	BARBARA MORIN (401)277-2808	BARBARA MORIN (401)277-2808	BARBARA MORIN (401)277-2808	JOHN CUCCO (401)274-1011
SC	PHIL BRANTLEY (803)758-5406	BILL CULLER (803)758-5406	JAKE FRICK (803)758-5406	GENE SLICE (803)758-4702
SD	JOEL SMITH (605)773-3153	DAVE LENINGTON (605)773-3153	DAVE LENINGTON (605)773-3153	SCOTT FITCHNER (605)773-3153
TN-KNOX	PATRICK WEAVER (615)521-2488	PATRICK WEAVER (615)521-2488	PATRICK WEAVER (615)521-2488	DANNY EVERETT (615)524-4214
TN	BARRY STEPHENS (615)741-3651	JAMES HAYNES (615)741-3931	JERYL STEWART (615)741-3931	ROBERT FOSTER (615)741-3931
TN-CHAT.	J. WAYNE CROPP (615)867-4321	DALE E. FENTRESS (615)867-4321	DALE E. FENTRESS (615)867-4321	WILLIAM H. RICE (615)867-4321
TN-MEMPHIS	HELYN KEITH (901)576-7775	DENIS FRITCHIE (901)576-7653	DEREK L. DOBBS (901)576-7653	BENJAMIN F. IVY, JR. (901)576-7766

TABLE 2. AIR TOXICS CONTACTS: REGULATORY PROGRAM, PERMITTING, SOURCE TESTING, AMBIENT MONITORING

AGENCY	REGULATORY PROGRAM	PERMITTING	SOURCE TESTING	AMBIENT MONITORING
TN-NASH	PAUL J. BONTRAGER (615)327-9313	ROB L. RANEY (615)327-9313	ROB L. RANEY (615)327-9313	MATTHEW R. GRUPKE (615)327-9313
TX	LES MONTGOMERY (512)451-5711	LAWRENCE PEWITT (512)451-5711	MAXINE JENKS (512)451-5711	DOYLE PENDLETON (512)451-5711
UT	DAVE MCNEILL (801)533-6108	MONTIE KELLER (801)533-6108	NONE (---)--------	NONE (---)--------
VA	CHARLES HOLMES (804)786-4867	CHARLES HOLMES (804)786-4867	NONE (---)--------	NONE (---)--------
VI	VERNON RICHARDS (809)725-5140	NONE (---)--------	NONE (---)--------	NONE (---)--------
VT	CHRISTIAN B. JONES (802)244-8731	LARRY D. MILLER (802)244-8731	GREGORY A. HEIL (802)244-8731	GREGORY A. HEIL (802)244-8731
WA	CATHERINE BENS (206)459-6711	CATHERINE BENS (206)459-6711	JAY WILLENBERG (206)885-1900	BOB MILLER (206)459-6322
WA-PUGET	MAYDENE MAYKUT (206)344-7335	HARRY WATTERS (206)344-7334	FRED AUSTIN (206)344-7334	BOYD KNECHTEL (206)344-7328
WA-OLYMPIA	CHARLES PEACE (206)352-4881	J. WILSON OR C. PEACE (206)352-4881	JIM WILSON (206)352-4881	JIM WILSON (206)352-4881
WA-GRANT	MURRAY MICHAEL (509)754-2011	NONE (---)-------	NONE (---)--------	NONE (---)--------
WA-SWEST	DICK SERDOZ (206)574-3058	BILL PRASTKA (206)574-3058	DAVID MOORE (206)574-3058	NONE (---)--------
WI	JIM RICKUN (608)267-7547	DALE ZIEGE (608)266-0113	JOE PEREZ (608)266-8401	JULIAN CHAZIN (608)266-1902
WV	CARL BEARD (304)348-3286	NONE (---)--------	NONE (---)--------	NONE (---)--------
WY	CHARLES COLLINS (307)777-7391	BRENDA DAILEY (307)777-7391	TERESA PERKINS (307)777-7391	NONE (---)--------

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
AK	JON SANDSTEDT (907)465-2666	NONE (---)--------	NONE (---)--------
AL	NONE (---)--------	NONE (---)--------	NONE (---)--------
AR	JOHN MITCHELL (501)562-7444	NONE (---)--------	NONE (---)--------
AZ	CARROLL DEKLE (602)257-2282	NORMAN PETERSON (602)255-1207	NONE (---)--------
AZ-PHOENIX	NONE (---)--------	NONE (---)--------	NONE (---)--------
AZ-PIGICO	DOROTHY M. RANKIN (602)868-5801	NONE (---)--------	NONE (---)--------
AZ-PIMACO	DICK LEMON (602)792-8686	NONE (---)--------	NONE (---)--------
CA	TERRY MCGUIRE (916)322-5350	DR. JOHN HOLMES (916)445-0753	DR. JOHN HOLMES (916)445-0753
CA-BAAQMD	STEVE HILL (415)771-6000	NONE (---)--------	NONE (---)--------
CA-SCAQMD	WAYNE ZWIACHER (818)572-6264	DITAS SHIKIYA (818)572-6419	DITAS SHIKIYA (818)572-6419
CA-SAC.	ERIC SKELTON (916)366-2107	NONE (---)--------	NONE (---)--------
CA-MONT.	FRED THOITS (408)443-1135	NONE (---)--------	NONE (---)--------
CA-S.BARB.	BOBBIE BRATZ (805)964-8111	NONE (---)--------	NONE (---)--------
CA-S.DIEGO	PAUL SIDHU (619)565-3940	NONE (---)--------	NONE (---)--------
CA-BUTTE	NONE (---)--------	NONE (---)--------	NONE (---)--------
CA-SISK	KENNETH CORBIN (916)842-3906	KENNETH CORBIN (916)842-3906	NONE (---)--------

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
CA-KERN CO	HENRY MAYRSOHN (805)861-3682	NONE (---)--------	NONE (---)--------
CA-FRESNO	NONE (---)--------	NONE (---)--------	NONE (---)--------
CA-STANISL	MARK BOESE (209)571-6908	MARK BOESE (209)571-6908	NONE (---)--------
CA-AMADOR	ROXANNE JAQUES (209)223-6406	ROXANNE JAQUES (209)223-6406	ROXANNE JAQUES (209)223-6406
CA-MODOC	NONE (---)--------	NONE (---)--------	NONE (---)--------
CO	DAVID R. OUIMETTE (303)331-8587	DAVID R. OUIMETTE (303)331-8587	DAVID R. OUIMETTE (303)331-8578
CO-ASPEN	NONE (---)--------	NONE (---)--------	NONE (---)--------
CO-ELPASO	JIM P. EASTON (303)578-3137	NONE (---)--------	NONE (---)--------
CT	RON FREETO (203)566-2690	HARI RAO (203)566-8167	BRIAN TOAL (203)566-8167
CT-MILFORD	NONE (---)--------	CHARLES I. MOTES, JR. (203)783-3287	CHARLES I. MOTES, JR. (203)783-3287
DC-DCRA	DON WAMBSGANS (202)767-7370	NONE (---)--------	JOE NWUDE (202)767-7370
DE	RAYMOND MALENFANT (302)736-4791	RAYMOND MALENFANT (302)736-4791	NONE (---)--------
FL	LAWRENCE GEORGE,MET. (904)488-1344	JOHN GLUNN,M.S. (904)488-1344	LAWSON OTI,M.S. (904)488-1344
FL-JACKSON	DIANE SWARTZ (904)630-3210	KHURSHID MEHTA (904)630-3210	NONE (---)--------
FL-TAMPA	DARREL GRAZIANI (813)272-5960	NONE (---)--------	DARREL GRAZIANI (813)272-5960
FL-FTLDLE	WILLIAM HAHNE (305)765-4436	NONE (---)--------	NONE (---)--------

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
FL-PALMBE	JAMES STORMER (305)820-3070	DAVID VENSEL (305)820-3070	DAVID VENSEL (305)820-3070
GA	NONE (---)--------	NONE (---)--------	NONE (---)--------
HI	WILFRED NAGAMINE (808)548-6410	NONE (---)--------	NONE (---)--------
IA	JOHN VEDDER (515)281-8911	NONE (---)--------	NONE (---)--------
IA-LINNCO	NONE (---)--------	NONE (---)--------	NONE (---)--------
ID	DOUG HARDESTY (208)334-5362	KENNETH BROOKS (208)334-5360	NONE (---)--------
IL	MR. MANGU PATEL (217)782-2113	DR. JANICE PERINO (217)785-0830	NONE (---)--------
IL-EVAN.	RONALD E. BRITT (312)866-2952	NONE (---)--------	NONE (---)--------
IL-BEDPK	NONE (---)--------	NONE (---)--------	NONE (---)--------
IN	ROBERT L. BIERMAN (317)232-8322	EUGENE DUMITRIU (317)232-8325	NONE (---)--------
IN-HAMMOND	LORINDA RAMOS (219)853-6307	RONALD NOVAK (219)853-6305	NONE (---)--------
IN-INNAP	J. BROWN/J.HEGE (317)633-5502	DAVID R. JORDON (317)633-5497	NONE (---)--------
IN-VIGO	C. LARRY BEDDOW (812)238-8433	C. LARRY BEDDOW (812)238-8433	C. LARRY BEDDOW (812)238-8433
KS-T/S	NONE (---)--------	NONE (---)--------	RANDY WALKER (913)233-8961
KS	DANA MORRIS (913)862-9360	NONE (---)--------	JOHN IRWIN (913)862-9360
KS-KC	NONE (---)--------	NONE (---)--------	NONE (---)--------

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
KY	DIANA PARKER (502)564-3382	NONE (---)--------	MARION LYNN (502)564-3382
LA	BHARAT CONTRACTOR (504)342-1201	GUS VON BODUNGEN (504)342-1201	GUS VON BODUNGEN (504)342-1202
MA	ROBERT BOISSELLE (617)292-5630	CAROL ROWAN WEST (617)292-5509	BRUCE MAILLET (617)292-5593
MD	DONALD ANDREW (301)225-5245	JEFF PAULL (301)225-5753	KATHERINE FARRELL (301)225-5753
MD-BALT	NONE (---)--------	NONE (---)--------	NONE (---)--------
ME	RONALD SEVERANCE (207)289-2437	NORMAN ANDERSON (207)289-3591	NONE (---)--------
MI	JOHN SHAFFER (517)373-7023	CATHERINE SIMON (517)373-7023	NONE (---)--------
MI-DETROIT	ALVIN SCHEANS (313)567-4100	PETER WARNER, PH.D. (313)567-0122	NONE (---)--------
MN	PAUL GERBEC (612)296-7670	PAUL GERBEC (612)296-7670	CHARLES LANE (612)296-7373
MO	RANDY RAYMOND (314)751-4817	RANDY RAYMOND (314)751-4817	NONE (---)--------
MO-STLUCO	CHARLES WILDT (314)854-6933	NONE (---)--------	NONE (---)--------
MO-SPGRCO	BRIAN ADAMS (417)864-1662	NONE (---)--------	KARL BARKE (417)864-1662
MS	WAYNE B. ANDERSON (601)961-5171	WAYNE B. ANDERSON (601)961-5171	NONE (---)--------
MT	ROBERT RAISCH/HARRY KELTZ (406)444-3454	ROBERT RAISCH/HAL ROBBINS (406)444-3454	NONE (---)--------
MT-MISSOU	NONE (---)--------	NONE (---)--------	NONE (---)--------
NC	LEE DANIEL (919)733-3340	EARL MCCUNE (919)733-3340	RUSSELL HAGEMAN (919)733-3340

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
NC-FORCO	MICHAEL HASTINGS (919)727-8060	NONE (---)--------	DEAN KAISER (919)727-8060
NC-WNC	JIM CODY (704)255-5655	BOB LEGG (704)255-5655	RONALD BOONE (704)255-5655
ND	NONE (---)--------	NONE (---)--------	NONE (---)--------
NE	GENE ROBINSON (402)571-2186	GENE ROBINSON (402)571-2186	NONE (---)--------
NH	JOHN P. LEFEBVRE (603)271-1370	NONE (---)--------	NONE (---)--------
NJ	CARL OCHS (609)292-7711	NONE (---)--------	NONE (---)--------
NJ-HUDSON	NONE (---)--------	NONE (---)--------	NONE (---)--------
NM	JIM SHIVELY (505)827-0070	ED LUNDQUIST (505)827-0070	CECILIA WILLIAMS (505)827-0042
NV	NONE (---)--------	NONE (---)--------	NONE (---)--------
NV-L.VEGAS	DAVID LEE (702)383-1276	NONE (---)--------	RICHARD BENEDICT (702)383-1276
NY	PAT LAVIN (518)457-7688	MOISES RIANO (518)457-7688	SAM SYROTYNSKI (518)474-4987
NY-NASSAU	NONE (---)--------	NONE (---)--------	NONE (---)--------
OH	BILL JURIS (614)481-4310	PAUL KOVAL (614)481-4310	PAUL KOVAL (614)481-4310
OH-CLEVE.	PAUL KARBOWSKI (216)664-3510	RICHARD A. DELL (216)664-3591	GARY J. NIED (216)664-3500
OH-DAYTON	A.B. LINDSTROM (513)225-4898	NONE (---)--------	NONE (---)--------
OH-TOLEDO	PAUL F. MUNN (419)693-0350	PAUL F. MUNN (419)693-0350	NONE (---)--------

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
OH-LAKECO	NONE (---)--------	NONE (---)--------	NONE (---)--------
OH-SW	THOMAS TUCKER (513)251-8777	NA (---)--------	NA (---)--------
OH-NOVAA	D. KRUKOWSKI (614)282-3908	B. WEBER (614)282-3908	D. ZORBIHI (614)282-3908
OK	RONALD HUBBELL (405)271-5220	DR. N.P. COLEMAN (405)271-5220	RAD. AND SPEC. HAZ. DIV., OSDH (405)271-5221
OK-TULSA	DR. NANCY COLEMAN (918)271-5220	DR. NANCY COLEMAN (OSDH) (905)271-5220	NONE (---)--------
OR	GREGG LANDE (503)229-6411	NONE (---)--------	MITCH WOLGAMOTT (503)229-5713
OR-LANE	DICK RUTH (503)726-2514	NONE (---)--------	NONE (---)--------
PA	JACK MCGROGAN (717)787-4310	JACK KNAUBER (717)787-4324	JACK MCGROGAN (717)787-4310
PA-PHIL.	NORMAN GLAZER (215)875-5632	NICHOLAS CICIRETTI (215)686-7893	(---)--------
PA-PITT.	RICHARD BAKER (412)578-8127	NONE (---)--------	(---)--------
PR	NONE (---)--------	NONE (---)--------	(---)--------
RI	BARBARA MORIN (401)277-2808	BARBARA MORIN (401)277-2808	(---)--------
SC	DENNIS ELLENWOOD (803)758-5406	ROBERT MARINO, M.D. (803)758-7970	(---)--------
SD	BETH LOCKWOOD (605)773-3153	BETH LOCKWOOD (605)773-3153	T. LEBEAU/D. LENINGTON (605)773-3153
TN-KNOX	PATRICK WEAVER (615)521-2488	PATRICK WEAVER (615)521-2488	PATRICK WEAVER (615)521-2488
TN	BARRY STEPHENS (615)741-3651	ROBERT FOSTER (615)741-3931	ROBERT FOSTER (615)741-3931

TABLE 3. AIR TOXICS CONTACTS: EMISSION INVENTORY, HEALTH EFFECTS, INDOOR AIR

AGENCY	EMISSIONS INVENTORY	HEALTH EFFECTS	INDOOR AIR
TN-CHAT.	DALE E. FENTRESS (615)867-4321	NONE (---)--------	WILLIAM H. RICE (615)867-4321
TN-MEMPHIS	DIANE R. LANCASTER (901)576-7653	DIANE R. LANCASTER (901)576-7653	NONE (---)--------
TN-NASH	ROB L. RANEY (615)327-9313	NONE (---)--------	NONE (---)--------
TX	PAUL HENRY (512)451-5711	J PRICE/J WIERSEMA (512)451-5711	JERRY LAUDERDALE,TDH (---)--------
UT	NONE (---)--------	NONE (---)--------	NONE (---)--------
VA	JOHN W. BURDEN (804)786-0177	NONE (---)--------	NONE (---)--------
VI	NONE (---)--------	NONE (---)--------	NONE (---)--------
VT	BRIAN J. FITZGERALD (802)244-8731	BRIAN J. FITZGERALD (802)244-8731	NONE (---)--------
WA	CATHERINE BENS (206)459-6711	CATHERINE BENS (206)459-6711	NONE (---)--------
WA-PUGET	JOHN ANDERSON (206)344-7335	NONE (---)--------	NONE (---)--------
WA-OLYMPIA	NONE (---)--------	NONE (---)--------	NONE (---)--------
WA-GRANT	NONE (---)--------	NONE (---)--------	NONE (---)--------
WA-SWEST	BILL PRASTKA (206)574-3058	NONE (---)--------	NONE (---)--------
WI	JIM RICKUN (608)267-7547	JIM RICKUN (608)267-7547	JULIAN CHAZIN (608)266-1902
WV	NONE (---)--------	NONE (---)--------	NONE (---)--------
WY	TERESA PERKINS (307)777-7391	NONE (---)--------	NONE (---)--------

TABLE 4. NUMBER OF WORK YEARS ASSIGNED TO AIR TOXICS BY AGENCY

AGENCY	REGUL PROGRM	PERMIT	SOURCE TEST	AMB MONIT.	EMIS INVEN.	HEALTH EFFECT	INDOOR AIR	TOTAL
AZ-PHOENIX	3.0	3.0						6.0
CA				10.0				10.0
CA-SCAQMD	10.0	4.0	5.0	10.0	10.0	10.0	10.0	59.0
CA-SAC.	0.6	0.7	0.1	0.1	0.5			2.0
CA-S.BARB.	0.5	0.5	0.5	0.5	0.3			2.3
CA-MODOC	0.1							0.1
CO	1.0	0.2	0.1	0.1	0.4	0.1	0.1	2.0
CO-ELPASO					6.0			6.0
CT	1.0	2.0	0.1	0.5	0.1	2.0	0.5	6.2
CT-MILFORD						18.0	4.0	22.0
DC-DCRA	4.2	0.4	0.1		0.2		0.1	5.0
FL	0.1	0.1	0.1	0.3	0.2	0.9	0.1	1.8
FL-JACKSON	0.5	0.1	0.1	0.1	0.1			0.9
FL-TAMPA	50.0	5.0	0.1	10.0	15.0		15.0	95.1
FL-PALMBE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7
IA	17.0	14.0	5.0	11.0	11.0			58.0
IL	3.0	3.0	3.0	3.0	3.0	3.0		18.0
IN	0.5	0.2	0.1	0.1	1.0	0.4		2.3
IN-HAMMOND	0.3							0.3
IN-INNAP					0.1			0.1
IN-VIGO	1.1	1.1	1.1	1.1	1.1	1.1	1.1	7.7
KS-T/S	2.0						2.0	4.0
KS							10.0	10.0
KY	0.5	4.0	0.1	0.2	0.5		0.1	5.4
LA	2.0	6.0	0.5	1.0	1.0	0.2	0.2	10.9
MA	6.2			3.0	0.5	2.0	0.1	11.8
MN	0.2	1.0	0.1	1.0	0.2	0.5	0.1	3.1
MO			12.2	12.2	12.2	12.2		48.8
MT	0.5					0.5		1.0
NC	1.3	1.0	0.1	1.0	1.8	0.2	0.1	5.5
NC-FORCO	1.5	1.5	1.5	1.0	1.5		1.0	8.0
NC-WNC	0.1	0.1			0.2	0.1	0.1	0.6
NJ		10.0						10.0
NV	2.0	2.0						4.0
NY	6.0	12.0	5.0	6.0	1.0	5.0		35.0
OH-CLEVE.	1.0	1.0	14.0	3.0	5.0	14.0	8.0	46.0
OH-NOVAA	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.9
OK	0.2	0.2	0.2	0.1	0.5	1.0		2.2
OK-TULSA	0.1	0.1	0.2	0.1	0.1	1.0		1.6
OR-LANE	0.1	0.1			0.1			0.3
PA	0.3	2.2	0.5	1.8	4.3	0.2	0.2	9.5
RI	0.5	0.5	0.2	0.8	0.5	0.5		3.0
TN-KNOX	0.1	0.1	0.1	0.1	0.4	0.1	0.1	1.0
TN-CHAT.	0.7	1.0	0.1	0.1	1.0		0.5	3.4
TN-MEMPHIS	0.1	0.1	0.1	0.1	0.3	0.3		1.0
TX						4.0		4.0
VT	6.0	3.0	8.0	8.0	2.0	2.0		29.0
WA	1.0	1.0						2.0
WA-GRANT	3.0							3.0
WA-SWEST	15.0	15.0	2.0		15.0			47.0

SECTION 3

REGULATORY PROGRAM INFORMATION

Table 5 describes State and local air toxics regulatory programs in terms of the status of air toxics program development, the structure of the program, the scope of the program, and program application. Information on acceptable ambient concentration guidelines or standards for individual pollutants is given in Section 4. Pollutant research, methods development activities, and non-health related impacts are described in Sections 5, 6, and 7 respectively.

The information presented in Table 3 is in the format of "yes" or "no" answers to a series of seventeen (17) questions. The seventeen questions are listed below.

PROGRAM STATUS

1. We have an air toxics control program (in addition to delegation of NESHAPS authority) currently in place.

2. We do not have an air toxics program in place, but are developing a program.

PROGRAM STRUCTURE

3. Our air toxics control program is based or will be based on promulgated regulations.

4. Our air toxics control program is based or will be based on informal guidelines.

PROGRAM SCOPE

5. The scope of our program is or will be limited to a specified list of pollutants.

6. The scope of our program is or will be limited to a specified list of sources or source categories.

7. The scope of our program includes or will include evaluation of existing sources as opposed to new sources only.

8. Our program includes or will include facility size or other cut-offs for certain source types or pollutants.

Preceding page blank

APPLICATION

9. We use or plan to use acceptable ambient concentration guidelines for non-criteria air pollutants in the permit review process.

10. We use or plan to use formally adopted ambient standards for non-criteria air pollutants in the permit review process.

11. Some or all of our acceptable ambient concentration guidelines or standards are based or will be based on the application of an uncertainty factor to an established Occupational Exposure Level (OEL).

12. Some or all of our acceptable ambient concentration guidelines or standards are based or will be based on the results of a health effects literature review by our agency.

13. We use or plan to use control technology requirements, such as "state-of-the-art" controls for identified sources of specified pollutants.

14. We use or plan to use risk assessment on a case-specific basis.

15. We maintain an emissions inventory for air toxics.

16. We have taken enforcement actions to specifically control sources of air toxics emissions.

17. We have or plan to have accident prevention and/or emergency response planning requirements for sources of air toxics.

Table 5 also indicates whether or not an agency has submitted comments on its regulatory program. Table 6 lists comments on the regulatory programs as provided by State and local agencies. The comments may apply to the regulatory program in general or to specific elements of the program in reference to one of the seventeen questions listed above.

The reader should address any questions or requests for additional information about a State or local regulatory program to the regulatory program contacts identified in Table 2 in Section 2.

TABLE 5. REGULATORY PROGRAM INFORMATION

AGENCY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	COMMENTS
AK	N	N											Y	Y	Y			N
AL	Y	N	N	Y	N	N			Y	N	Y	N	N	N	N			Y
AR	Y	N	N	Y	N	N			Y	N	Y	N	Y	N	N			Y
AZ	Y			Y		Y			Y	N	Y	Y	N	Y	N			Y
AZ-PHOENIX	N	Y	Y	N	Y	N	Y	N	Y	Y	N	N	Y	Y	Y	N	N	N
AZ-PIGICO	N	Y	Y	N	Y	N	Y	Y	Y	N	N	N	Y	N	N	Y	N	Y
AZ-PIMACO	N	Y	N	Y	Y	Y			Y	Y		Y	Y		N			Y
CA	Y	N	Y	N	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	Y	Y
CA-BAAQMD	Y	Y	Y	Y	Y	Y			N	N	N	N	Y	Y	Y			Y
CA-SCAQMD	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y
CA-SAC.	Y	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	Y	N	Y
CA-MONT.	Y		Y	N	Y	N			Y	N	Y	Y	Y	Y	Y			N
CA-S.BARB.	N	Y	Y	N	N	N	Y	N	N	N	N	N	Y	Y	Y	N	Y	N
CA-BUTTE	N			Y	N	N	Y	N	Y	N	N	Y	N	Y	N	N	N	N
CA-SISK	N	N																Y
CA-KERN CO	Y																	Y
CA-FRESNO	N	N	Y	N	N	Y			Y	Y	Y	Y	Y	Y	N			N
CA-AMADOR	N	Y		Y					Y	Y		Y		Y	N	N	Y	Y
CO	N	Y	Y	N	Y	N			N	N	N	N	N	N	Y			Y
CO-ELPASO	Y	N	Y	N	Y	Y	N	N	N	Y	N	N	Y	N	Y	N	N	Y
CT	Y		Y		Y	N	N	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y
CT-MILFORD	N	N		Y	Y	Y	N	N	N	N	N	Y	Y	Y	N	N	N	N
DC-DCRA	Y	N	Y	N	N	Y	Y	N	N	N	N	N	Y	Y	Y	Y	N	N
DE	N	Y			N	N			Y	N	Y	N	Y	Y	N			Y
FL	N	Y	Y	N	Y	N	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N	Y
FL-JACKSON		Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y
FL-FTLDLE	N	Y	Y	N	Y	N			N	N	N	N	Y	N	Y			N
FL-PALMBE		Y	Y	Y	Y	Y	Y	N										Y
GA	Y	N		Y	Y	N			Y	N	Y	Y		N	N			N
HI	N	N	N	N	N	N			N	N	N	N	N	N	N			N
IA	Y	N	N	Y	N	N	Y		Y	N	N	N	N	N	N	Y		Y
IA-LINNCO	N	N																N
ID	N	Y	Y	Y	N	N			Y	Y	Y	N	Y	Y	Y			N
IL	Y	N	N	Y	N	N			Y	N	Y	Y	Y	Y	Y			Y
IL-EVAN.	Y	N	Y	N	Y	Y			Y	Y	Y	Y	Y	Y	N			N
IL-BEDPK	N	N																N
IN	N	Y												Y	Y	Y	N	N
IN-HAMMOND		Y	Y		Y	N	Y	N	Y	N	N	Y	Y	Y	Y	Y	Y	Y
IN-INNAP	N	Y			Y		Y								Y			Y
IN-VIGO		Y	Y	N	Y	Y	Y		Y	N	N	Y	Y	Y	Y	N	Y	Y
KS-T/S	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
KS	N	Y	N	Y	Y	N	N	N	Y	N	Y	Y	Y	Y	Y	N	N	N
KS-KC	N	N																Y
KS-WICHITA	N	Y	N	Y														N
KY	Y	N	Y	N	Y	N	Y	Y	Y	Y	Y	N	Y	N	Y	N	N	Y
LA	Y	N	Y	Y	N	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	Y
MA	Y	N	Y	Y	N	N	Y	N	Y	Y	Y	N	Y	Y	Y	Y		N
MD	N	Y	Y	N	N	N			Y	N	Y	N	Y	Y	Y			Y
MD-BALT	N	Y																Y
ME	N	Y	N	N	N	N			N	N	Y	Y	Y	Y	Y			Y
MI	Y	N	Y	Y	N	N			Y	N	Y	Y	Y	Y	N			N

TABLE 5. REGULATORY PROGRAM INFORMATION

AGENCY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	COMMENTS
MN	Y	Y	N	Y	N	N	Y	N	Y	N	Y	Y	N	Y	Y	Y	N	Y
MO	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	Y
MO-STLUCO	N	Y	Y	N						Y					Y			Y
MO-SPGRCO	N	N													N			Y
MS	Y	N	N	Y	N	N	Y	N	Y	N	Y	Y	Y	Y	N	N	N	Y
MT	N	Y	N	Y	N	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y
MT-MISSOU	N	N																N
NC	N	Y	Y	Y	Y	N	Y	N	Y	N	Y	Y	N	Y	Y	N	N	N
NC-FORCO	N	Y	Y	N	Y	N	Y	N	N	Y	Y	N	N	N	Y	N	N	Y
NC-UNC	N	Y																Y
ND	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	Y
NE	N	N	N	N	N	N			N	N	N	N	N	N	N			N
NH	N	Y	Y	N	N	N			Y	N	Y	N	Y	Y	N			Y
NJ	Y	N	Y	Y	Y	N			N	N	N	N	Y	Y	Y			N
NJ-HUDSON		Y	N	Y	Y	N	Y	N	Y	Y	Y	N	N	Y	Y		Y	Y
NM	N	Y	Y	N	N	N	N	N							Y	N		Y
NV	Y	N	Y	N	N	N	Y	Y	Y	N	Y	N	Y	Y	N	N	N	Y
NV-L.VEGAS	N	Y	Y	N	Y	N	N	Y	Y	Y	Y	N	Y	Y	Y	N	N	N
NY	Y	N	N	Y	N	N			Y	N	Y	Y	Y	N	Y			N
OH	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
OH-CLEVE.	Y	N	Y		Y					Y	Y	Y	Y	Y	Y			Y
OH-DAYTON	Y			Y	Y				Y	N	Y	N		Y	Y			N
OH-TOLEDO	Y		N	Y	N	N			Y	N	Y	N	Y	Y	N			Y
OH-LAKECO	N	N	Y	N	Y	N			Y	Y	Y	Y	Y	Y	N			N
OH-NOVAA	Y			Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
OK	Y	N	Y	N	N	N	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y
OK-TULSA	Y	N	Y	N	N	N	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	Y
OR	Y	Y	Y	Y	N	N			Y	N	Y	N	N	N	Y			Y
OR-LANE	N	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N	Y	Y
PA	Y	N	N	Y	N	N	Y	Y	Y	N	Y	Y	Y	N	Y	Y	N	Y
PA-PHIL.	Y	N	N	Y	Y	N			Y	N	Y	N	N	N	Y			N
PA-PITT.	N	Y													Y			N
PR	N	Y	N	N	N	N			N	N	N	N	N	N	N			N
RI	N	Y	Y	N	Y	N	Y	N	Y	Y	N	Y	Y	Y	Y	N	N	Y
SC	Y	N	Y	Y	Y	N			Y	Y	Y	N	Y	N	N			Y
SD	N	Y	Y	N	Y	N	Y	?	Y	Y	Y	Y	Y	N	Y	N	Y	Y
TN-KNOX	N	Y	Y	N	Y	N	Y	N	Y	N	Y	N	Y	Y	N	N	Y	Y
TN	Y	N	Y	Y	N	N			Y	Y	Y	N	Y	N	N			N
TN-CHAT.	Y	N	N	Y	N	N	Y	N	Y	N	N	N	Y	Y	Y	Y	N	Y
TN-MEMPHIS	N	Y	Y	N	Y	Y	Y	N	N	Y			Y	Y	Y	N	N	Y
TN-NASH	N	N																N
TX	Y	N	Y	Y	N	N	N	N	Y	N	Y	Y	Y	N	Y	Y	Y	Y
UT	N	N	N	N	N	N			N	N	N	N	N	N	N			N
VA	Y	N	Y	N	Y	N			Y	N	Y	N	N	N	N			Y
VI	N	Y	N	N	N	N			N	N	N	N	N	N	N			Y
VT	Y		N	Y	N	N	Y	Y	Y	N	Y	Y	N	N	Y	Y	N	Y
WA	Y		Y	Y	Y	N			Y	N	Y	N	Y	Y	Y			Y
WA-PUGET	Y	N	Y	Y	N	N	Y	N	Y	N	Y	N	Y	N	Y	Y	Y	Y
WA-OLYMPIA	Y		Y	Y	N	N			Y	Y	Y	N	Y	Y	Y			N
WA-GRANT		Y	Y		Y	Y	Y						Y				Y	Y
WA-SWEST	Y		N	Y		N	Y	N	Y	N	Y	Y	Y		Y	Y	Y	Y

TABLE 5. REGULATORY PROGRAM INFORMATION

AGENCY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	COMMENTS
WI	N	Y	N	Y	N	N			Y	N	Y	N	Y	Y	N			N
WV	N	N	N	N	N	N			N	N	N	N	N	N	N			N
WY	N	Y	N	Y	N	N	Y	N	Y	N	Y	Y	Y	Y	N	N	N	Y

TABLE 6. REGULATORY PROGRAM COMMENTS

AL

OUR PROGRAM IS BASED UPON A GENERAL REGULATION PROHIBITING AIR POLLUTION. INFORMAL GUIDELINES HAVE BEEN DEVELOPED BASED UPON INFORMATION FROM EPA AND OTHER STATES WHERE THE TLV IS USED TO ESTIMATE AN ACCEPTABLE AMBIENT CONCENTRATION.
SAFETY FACTOR: 1/40 (HOURLY AVERAGE). OUR PROGRAM PRESENTLY APPLIES TO ALL POLLUTANTS EMITTED BY NEW SOURCES.

AR

SAFETY FACTOR USED TO ESTABLISH ACCEPTABLE AMBIENT CONCENTRATIONS: 1/100

AZ

WE ARE STILL EVALUATING THE NEED FOR AN AIR TOXICS PROGRAM.
WE ARE EVALUATING THE NEED FOR AND THE FEASIBILITY OF AN AIR TOXICS PROGRAM AT THIS TIME. IF SUCH A PROGRAM IS DEEMED NECESSARY AND FEASIBLE, THE STATUTORY AUTHORITY REQUIRED TO ESTABLISH THE PROGRAM WILL BE REVIEWED.

AZ-PIGICO

PROGRAM SCOPE 8. PROGRAM LIMITED TO SOURCES OF LESS THAN SEVENTYFIVE TONS PER YEAR EMISSIONS. LARGER SOURCES UNDER JURISDICTION OF THE STATE.

AZ-PIMACO

* #13 IN PROCESS OF COLLECTING DATA SUMMARIES FROM EXISTING SOURCES UNDER PERMIT TO THIS DISTRICT.

CA

WHEN CONTROL MEASURES ARE ADOPTED, IT IS CONCEIVABLE THAT CUTOFFS FOR SOME SOURCE CATEGORIES WILL BE SPECIFIED.

THE CALIFORNIA AIR TOXICS PROGRAM WAS ESTABLISHED BY ASSEMBLY BILL 1807 IN 1983. THE STATUTE CREATED A PROGRAM, CONTAINING SPECIFIC PROCEDURAL STEPS, TO IDENTIFY AND CONTROL TOXIC AIR CONTAMINANTS(TAC) TO DATE 16 SUBSTANCES HAVE ENTERED THE TAC IDENTIFICATION PHASE. FIVE SUBSTANCES ARE IN THE CONTROL PHASE. TWO SUBSTANCES HAVE COMPLETED THE CONTROL PHASE.

CA-BAAQMD

CONTROL PROGRAM IS IN PLACE FOR NEW AND MODIFIED SOURCES. A PROGRAM IS BEING DEVELOPED FOR EXISTING SOURCES. THE CONTROL OF EXISTING SOURCES WILL BE ACCOMPLISHED THROUGH SPECIFIC REGULATIONS THAT ARE POL LUTANT SPECIFIC. THE FIRST OF THESE WILL BE FOR BENZENE & SHOULD BE ADOPTED BY 12/86. FOR NEW/MODIFIED SOURCES, WE REQUIRE RISK ASSESSMENT FROM SOURCES OF AIR TOXICS ON A CASE BY CASE BASIS. THIS REQUIREMENT IS BASED UPON DISTRICT POLICY, NOT SPECIFIC ADOPTED REGULATIONS.
EMISSION INVENTORY: INVENTORY WORK WILL BEGIN IN FY 86/87

TABLE 6. REGULATORY PROGRAM COMMENTS

CA-SCAQMD

REGULATIONS FOR NEW SOURCES EMITTING CARCINOGENS SCHEDULED FOR HEARINGS IN JULY 1987 AND FOR EXISTING SOURCES EMITTING CARCINOGENS AT A LATER DATE. ALLOWABLE IMPACT IS BASED UPON RISK ASSESSMENT. REGULATIONS FOR NONCARCINOGENS ARE PENDING.

CA-SAC.

(4) WE HAVE A FORMAL WRITTEN SET OF GUIDELINES.

CA-SISK

WE PLAN TO REVIEW TOXIC CONTROL REGULATIONS AND PROGRAMS WHICH ARE PROPOSED BY THE CALIFORNIA AIR RESOURCES BOARD AND BY THE CALIFORNIA AIR POLLUTION CONTROL OFFICERS ASSOCIATION. THESE WILL BE ADOPTED AS NEEDED OR REQUIRED AT THE LOCAL LEVEL
CURRENT AS OF MAY, 1987

CA-KERN CO

THE INFORMAL AIR TOXICS PROGRAM BEING IMPLEMENTED IS BASED ON THE STATE AND LOCAL NUISANCE RULE PROVISION. A MORE FORMAL PROGRAM WILL BE COORDINATED WITH THE TOXIC PROGRAM BEING DEVELOPED BY THE CALIFORNIA AIR RESOURCES BOARD UNDER THE "TANNER BILL"

CA-AMADOR

WE PLAN TO MAINTAIN AN EMISSIONS INVENTORY FOR AIR TOXICS, BUT WE DO NOT HAVE ONE NOW(15). OUR PROGRAM WILL INCLUDE ENFORCEMENT AUTHORITY BUT WE HAVE NOT TAKEN ANY ENFORCEMENT ACTIONS TO DATE(16). OUR PROGRAM SHOULD BE IN PLACE BY 1989.

CO

A TOXICS INVENTORY STUDY IS NOW UNDERWAY ACROSS COLORADO AND THE DATA FROM THIS STUDY WILL BE USED TO DEFINE A LIST OF SUBSTANCES AROUND WHICH A TOXIC SUBSTANCE CONTROL PROGRAM WILL BE BUILT. IT IS ANTICIPATED THAT THE PROGRAM WILL BE BASED ON PROMULGATED REGULATIONS.

CO-ELPASO

AIR POLLUTION EMISSION PERMITS ARE ISSUED BY THE COLORADO DEPARTMENT OF HEALTH. EMISSION INVENTORIES RELATED TO AIR TOXICS ARE ALSO HANDLED BY THE COLORADO DEPARTMENT OF HEALTH.

CT

(5) THERE IS A SPECIFIC LIST OF POLLUTANTS, HOWEVER, THIS LIST MAY BE ADDED TO OR OTHERWISE MODIFIED.
(8) ALL SOURCES OF ALL SIZES ARE SUBJECT TO THE REGS. HOWEVER,PERMIT APPLICATIONS ARE REVIEWED ONLY FOR THOSE SOURCES WHICH REQUIRE PERMITS BASED ON THEIR CRITERIA POLLUTANT EMISSIONS.
(11) THE PROGRAM IS BEING IMPLIMENTED ON TWO PHASES.
(12) ACTUALLY, BY THE DEPARTMENT OF HEALTH SERVICES, AND OTHERS
(17) ANOTHER UNIT IN DEP IS RESPONSIBLE FOR THIS.

DE

AIR TOXICS PROGRAM SCHEDULED TO BE IN PLACE BY SEPTEMBER, 1987.

TABLE 6. REGULATORY PROGRAM COMMENTS

FL

PROGRAM IS IN DEVELOPMENT PHASE. #8 DE MINIMIS LEVELS HAVE NOT BEEN ESTABLISHED.#16 NESHAPS SOURCES. #17 DEPT. OF COMMUNITY AFFAIRS IS LEAD AGENCY.WE MAINTAIN AN INVENTORY OF SUBSTANCES STORED IN COMPRESSION VESSELS.

FL-JACKSON

WE PLAN ON DEVELOPING AND MAINTAINING AN EMISSIONS INVENTORY FOR AIR TOXICS

(8)- DRY CLEANERS, PERCHLOROETHYLENE, LESS THAN 50LBS TOTAL RATED DRYER CAPACITY.

(16)- NESHAPS ONLY, TO DATE

FL-PALMBE

OUR PROGRAM IS IN THE INFANCY STAGE OF DEVELOPMENT. IT IS LIKELY THAT OUR PROGRAM WILL NOT BE IN FULL OPERATION UNTIL THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS IS FULLY IMPLEMENTED.

IA

(1) REVIEW PERMIT APPLICATIONS ON A CASE BY CASE BASIS.

(12) REVIEW OTHER AGENCIES RISK ASSESSMENT.

(13) SCREENING INVENTORY COMPLETED FEB., 1987

IL

THIS AGENCY IS CURRENTLY EVALUATING VARIOUS RISK ASSESSMENT PROCEDURES BEING USED IN OTHER STATE OR FEDERAL AGENCIES TO FOLLOW US TO USE THEIR EXPERIENCES TO DESIGN THE BEST APPROACH FOR IEPA. HOWEVER, WE ARE REVIEWING PERMITS, EVALUATING AIR TOXICS IMPACTS, AND IF NECESSARY REQUESTING EMISSION CONTROLS.

IN-HAMMOND

A COMMITMENT WAS MADE BY THE AGENCY TO IDENTIFY THOSE INDUSTRIES EMITT ING TOXIC(NON-CRITERIA) POLLUTANTS. THE AGENCY INVENTORIED THOSE HAMMO ND INDRUSTRIES POSSIBLY USING TOXIC SUBSTANCES. ALL REPLIES INDICATING A POSITIVE RESPONSE WERE SUBMITTED TO THE INDIANA AIR POLLUTION CONTR OL DIV. THE HAMMOND AIR POLLUTION CONTROL DEPT HAS SOUGHT DIRECTION FR OM THE STATE AIR POLLUTION DIV. ABOUT PERMIT CONDITIONS FOR SUCH SOURC ES, SO THAT THREATS TO THE ENVIRONMENT WILL BE REDUCED. THE DEPT IS WA ITING FOR A REGULATION TO BE PROMULGATED BY THE STATE SO THAT EMISSION LIMITS CAN BE ASSIGNED TO COMPANIES HANDLING REGULATED AIR TOXICS.

IN-INNAP

OUR PROGRAM IS STILL IN THE EARLY PLANNING STAGES. ONLY THOSE QUESTIONS WHICH COULD BE ANSWERED WITH A DEFINITIVE "YES" OR "NO" RESPONSE WERE COMPLETED.

IN-VIGO

OUR AGENCY WILL ADOPT STATE REGULATIONS ONCE PROMULGATED. AT PRESENT WE ARE TAKING AN IN DEPTH ACCURATE EVALUATION OF VOC, CO, AND NOX DATA FROM OUR PRESENT INVENTORIED SOURCES.

TABLE 6. REGULATORY PROGRAM COMMENTS

KS-T/S

OUR AGENCY WILL NOT HAVE A STAND ALONE PROGRAM. ALL AIR TOXICS WORK WILL BE PART OF THE STATE AIR TOXICS PROGRAM. PLEASE REFERENCE THE STATE OF KANSAS FOR SPECIFIC INFORMATION ON AIR TOXIC PROGRAMS IN KANSAS.

KS-KC

OUR LOCAL AIR PROGRAM IS NOT CURRENTLY DEVELOPING AN AIR TOXICS PROGRAM OF ITS OWN. WE ARE, HOWEVER, HELPING THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT DEVELOP AN AIR TOXICS PROGRAM. WHEN THE PROGRAM BEGINS, OUR LOCAL AGENCY WILL BE RESPONSIBLE FOR IMPLEMENTING IT IN OUR ONE COUNTY JURISDICTION.

KY

AMBIENT AIR QUALITY STANDARDS ARE ESTABLISHED FOR H2S, ODORS, GASEOUS FLUORIDES AND FLUORIDES. FOR OTHER NON-CRITERIA POLLUTANTS WHICH ARE SUSPECTED TO BE POTENTIALLY TOXIC OR HAZARDOUS, THE PERMITTEE IS RESTRICTED FROM EMITTING THE POLLUTANT IN SUCH QUANTITIES OR DURATION AS MAY BE HARMFUL TO THE HEALTH AND WELFARE OF HUMANS, ANIMALS, AND PLANTS. BACT REQUIRED FOR NEW SOURCES OF CARCINOGENS AND RACT FOR EXISTING SOURCES OF CARCINOGENS. THRESHOLD AMBIENT LIMITS APPLY TO NONCARCINOGENS. REGULATIONS PROMULGATED NOVEMBER, 1986. REGULATIONS DO NOT APPLY TO SOURCES EMITTING POLLUTANTS LESS THAN SIGNIF. LEVELS.

LA

CONTROL EXISTING SOURCES IF EPA INITIATIVE.

MD

ALTHOUGH WE DO NOT HAVE AN AIR TOXICS CONTROL PROGRAM IN PLACE, WE HAVE INFORMALLY REVIEWED SOME PERMITS TO DETERMINE WHETHER THEIR EMISSIONS WOULD CAUSE CONCENTRATIONS EXCEEDING A TLV/100. IN ADDITION, WE ARE TAKING THE FIRST STEPS TO IDENTIFY POTENTIAL SOURCES OF EMISSIONS BY CONDUCTING A VOLUNTARY SURVEY OF WHETHER A NUMBER OF SUBSTANCES ARE USED, PRODUCED, OR HANDLED IN THE STATE. HOWEVER, WE HAVE NOT PROGRESSED AT THIS POINT TO THE POINT WHERE WE EVEN HAVE INFORMAL GUIDELINES.

MD-BALT

THE BALTIMORE COUNTY DIVISION OF AIR POLLUTION CONTROL DOES NOT HAVE AN AIR TOXIC PROGRAM AT THIS TIME. BALTIMORE COUNTY ENFORCES MARYLAND AIR QUALITY REGULATIONS IN THE COUNTY AND WILL FOLLOW THE AIR TOXIC PROGRAM THAT MARYLAND DEVELOPS. AT THIS TIME, THE MARYLAND STATE PROGRAM HAS NOT GONE INTO EFFECT. WHEN IT DOES GO INTO EFFECT, BALTIMORE COUNTY WILL FOLLOW THESE REGULATIONS.

ME

THE STATE OF MAINE IS CONDUCTING A TOXIC AIR EMISSIONS INVENTORY. THE RESULTS OF THE INVENTORY WILL DETERMINE THE REGULATORY APPROACH. THE REPORT OF THE INVENTORY RESULTS WILL BE PRESENTED TO THE LEGISLATURE IN FEB. 1985.

TABLE 6. REGULATORY PROGRAM COMMENTS

MN

MN IS CURRENTLY USING THE STATE OF MI FRAMEWORK IN EVALUATING AIR TOXIC EMISSIONS FROM NEW AND EXISTING SOURCES. THE FRAMEWORK WAS ADOPTED AS A POLICY RATHER THAN A REGULATION. MN ISSUES PERMITS THAT ARE GENERALLY RENEWABLE AT 5 YEAR INTERVALS. IT IS PROBABLE THAT RULES WILL HAVE TO BE ADOPTED TO CLARIFY OUR AUTHORITY TO REGULATE TOXIC SOURCES.

MO

MISSOURI HAS A DELEGATED NESHAPS PROGRAM. THE ENFORCEMENT ACTIONS REFE RRED TO ARE FOR ASBESTOS RELATED ISSUES.

MO-SPGRCO

WE PLAN TO CONDUCT AN AIR TOXICS EMISSIONS INVENTORY THIS YEAR. (1986)

MO-STLUCO

QUESTIONS #5,#6,#9,#10,#11, & ##12 CANNOT BE ANSWERED DEFINITIVELY AT THIS TIME. OUR AIR TOXICS PROGRAM IS IN THE EARLY STAGES OF DEVELOP-MENT. PRESENTLY WE ARE GATHERING EMISSIONS INVENTORY DATA ON SELECTED CHEMICALS ONLY.

MS

HAVE A "MISCELLANEOUS CHEMICAL EMISSION" REGULATION; USE PERMITS TO SPECIFY. HAVE DATA IN SOURCE FILES BUT DON'T NECESSARILY COMPILE A SEPARATE INVENTORY FILE.

MT

(2) MONTANA DEPT. OF HEALTH AND ENVIRONMENTAL SCIENCES HAS RECENTLY ASSIGNED PERSONNEL TO DEVELOP AN AIR TOXICS PROGRAM. THE DEPT. EXPECTS TO HAVE A FULLY OPERATIONAL PROGRAM BY DECEMBER, 1988.
(8) THE MONTANA DEPT. OF HEALTH AND ENVIRONMENTAL SCIENCES DOES NOT HAVE ANY SPECIFIC CUTOFF IN MIND; HOWEVER, THE CONCEPT IS CONSISTENT WITH OUR TRADITONAL PROGRAM AND IS THEREFORE LIKELY TO BE INCORPORATED IN THE AIR TOXICS PROGRAM.
(11) THE MDHES ESTABLISHES ACCEPTABLE 1-HR CONCEN. BY DIVIDING TLV VALUES BY 42, 24-HR CONCEN. BY DIV. BY 128, AND ANNUAL CONCEN. BY 714.

NC-FORCO

STATEMENTS 3-13 REFLECT A BEST ESTIMATE OF OUR PROGRAM AS IT WILL BE DEVELOPED.
STATEMENT 11 : SAFETY FACTOR IS DIFFERENT FOR EACH AIR TOXICS. BASED ON NORTH CAROLINA ACADEMY OF SCIENCE.

NC-WNC

WE WILL ADOPT THE SAME PLAN AS THE STATE OF NORTH CAROLINA.

ND

(2) IN OPERATION BY 1989.
(5) PROBABLY WILL USE ACGIH, IARC, NCI, AND NTP LISTS FOR CARCINOGENS.
(8) PRESENTLY NOT KNOWN.
(11)PROBABLY 1/420.
(15)EMISSIONS INVENTORY UNDER DEVELOPMENT.

TABLE 6. REGULATORY PROGRAM COMMENTS

NH

EXPANDED LIST OF POLLUTANTS IS BEING COMPILED FOR USE AND REFERENCE. POLLUTANTS NOT LISTED WILL BE HANDLED ON A CASE BY CASE BASIS. SCHEDULED UPDATES ON INFORMATION ARE PLANNED.
(4) WE ANTICIPATE THAT A REGULATION AMENDMENT WILL BE REQUIRED FOR ENFORCEMENT OF THE GUIDELINE.

NJ-HUDSON

(2) UNCERTAIN - PRESENTLY IN RESEARCH PHASE. THE COMMISION MAINTAINS A CAREFULLY MONITORED REGISTRATION/INVENTORY PROGRAM. IT HAS NO ENFORCEMENT AUTHORITY IN CASES INVOLVING CONTRAVENTION TO FORMAL STANDARDS.

NM

WE ARE REQUIRED BY OUR AIR POLLUTION CONTROL GRANT TO DEVELOP AN AIR TOXICS PROGRAM PLAN. WE DO HAVE STATE REGULATIONS FOR CONTROL OF CERTAIN SOURCES EMITTING: H2S, AMMONIA, HCN, AND HCL.
(13) WE WILL BE REQUIRED TO DEVELOP PLANS FOR ESTABLISHING AN EMISSION INVENTORY FOR AIR TOXICS IN OUR AIR TOXICS PROGRAM PLAN. AT THIS POINT, WE DO NOT HAVE THE RESOURCES FOR DETERMINING AN EMISSION INVENTORY THROUGH TESTING AND LABORATORY ANALYSIS.
AIR TOXICS REG. HAS BEEN PROPOSED TO STATE LEGISLATURE. CURRENT AS OF MAY, 1987.

NV

(8)- ANY SOURCE OF TOXIC OR HAZARDOUS AIR CONTAMINANT WHICH EMITS MORE THAN 0.25 LBS OF THE CONTAMINANT PER 8 HOUR SHIFT AND EXCEEDS THE ACCEPTABLE AMBIENT CONCENTRATIONS ARE INCLUDED IN OUR PROGRAM.

OH

THE OHIO AIR TOXICS PROGRAM HAS RECENTLY COMPILED A PRIORITIZED LIST OF THE TOP 30 AIR TOXICS OF CONCERN FOR THE STATE. THIS LIST WILL SERVE TO HELP GUIDE FUTURE EXPOSURE ASSESSMENTS AND REGULATIONS. THE PRESENT AIR TOXICS POLICY FUNCTIONS BY DIVIDING THE TLV-TWA BY A CORRECTION FACTOR TO DETERMINE THE MAGLC (MAXIMUM ACCEPTABLE GROUND LEVEL CONCENTRATION) FOR NEW SOURCES. RISK ASSESSMENTS WILL BE PERFORMED IN THE CASE OF CARCINOGENS, ALONG WITH COMPUTER MODELING. (7/10/87).

OH-CLEVE.

AT PRESENT WE USE ANALYTICAL METHODOLOGY THAT IS REFERENCED IN VARIOUS BOOKS OF CREDABILITY, HOWEVER THEY ARE NOT USUALLY FEDERAL METHODS. FUNDING FOR A AIR TOXICS PROGRAM IS SUPPOSED TO OCCUR IN OUR BUDGET FOR 1985.

OH-TOLEDO

RIGHT NOW WE ONLY REVIEW AIR TOXICS AS PART OF THE OHIO EPA NEWS SOURCE REVIEW/PERMIT TO INSTALL PROGRAM. NO FORMAL GUIDELINES ARE IN PLACE. OHIO EPA IS DEVELOPING AN AIR TOXICS POLICY. BEST AVAILABLE TECHNOLOGY IS REQUIRED ON ALL NEW SOURCES. EXISTING AIR TOXICS SOURCES MAY BE ADDRESSED ON A NUISSANCE BASIS.

TABLE 6. REGULATORY PROGRAM COMMENTS

OH-NOVAA

OUR EMISSIONS INVENTORY, ENFORCEMENT PROGRAM, AND ACCIDENT PREVENTION PLANNING ARE STILL IN PLANNING STAGES (15,16,17).

OK

PESTICIDE/FERTILIZER APPLICATION; SOURCE OPERATIONS SUBJECT TO NESHAPS (FOR THE NESHAPS CONTAMINANT); RADIOACTIVE CONTAMINANTS; SOURCES WHOSE EMISSIONS FALL BELOW DE MINIMIS LEVELS

(A) CATEGORY A POLLUTANTS - LESS THAN 1200 LBS/YEAR NOT TO EXCEED 0.57 LBS/YEAR
(B) CATEGORY B POLLUTANTS - LESS THAN 1.2 TONS/YEAR NOT TO EXCEED 1.1 LBS/YEAR
(C) CATEGORY C POLLUTANTS - LESS THAN 6 TONS/YEAR NOT TO EXCEED 5.6 LBS/HOUR

OK-TULSA

PROGRAM IS BASED ON THE STATE OF OKLAHOMA AIR POLLUTION CONTROL REGULATION 3.8. EXEMPTED SOURCES: PESTICIDE/FERTILIZER APPLICATION; SOURCE OPERATIONS SUBJECT TO NESHAPS; RADIOACTIVE CONTAMINANTS; SOURES EITH EMISSIONS BELOW THE DE MINIMIS LEVEL -

CATEGORY A: 1200 LBS/YR NOT TO EXCEED 0.57 LBS/HR
CATEGORY B: 1.2 TONS/YR NOT TO EXCEED 1.10 LBS/YR
CATEGORY C: 6 TONS/YR NOT TO EXCEED 5.6 LBS/YR.

PERMITS APPLIED TO MINIMIZE AIR TOXICS RELEASES. OUR AIR TOXIC REG. WAS APPROVED MARCH 9, 1987.

OR

(1) CURRENT PROGRAM LIMITED TO SPECIFIC SOURCES. EXPANDED PROGRAM IS BEING DEVELOPED.

OR-LANE

TRS FROM PULP MILLS IS THE ONLY NON-CRITERIA POLLUTANT PRESENTLY FORMALLY REGULATED. THE LOCAL AGENCY IS INITIATING THE INITIAL STEPS OF DEFINITION TO DETERMINE WHAT, IF ANY FURTHER AIR TOXICS CONTROLS ARE APPROPRIATE. THE PROJECT WILL BEGIN WITH EMISSIONS INVENTORY AIR TOXICS. CONTROL TECHNOLOGY REQUIREMENTS INCORPORATE CRITERIA FOR NEW SOURCES ON A CASE BY CASE BASIS
(3)REGULATIONS WILL INCLUDE AUTHORIZATION TO INCLUDE SOURCES IN PERMIT
(4)GUIDELINES WILL INCLUDE METHOD FOR DETERMINING BACY AS EMISSION LIMIT FOR PERMITTED SOURCES.

PA

POINT SOURCE INVENTORY HAS BEEN LIMITED TO MAJOR EMITTERS OF CRITERIA POLLUTANTS AND TO 38 AIR TOXIC SUBSTANCES

RI

PUBLIC HEARING ON PROPOSED REGULATION WAS HELD ON 5/27/87. RECORD WIL L BE KEPT OPEN UNTIL 6/26/87. IF NO MAJOR CHANGES ARE NECESSARY, REGULATION SHOULD BECOME EFFECTIVE IN SEPTEMBER, 1987.

TABLE 6. REGULATORY PROGRAM COMMENTS

SC

AN AIR TOXICS PROGRAM IS CURRENTLY BEING DEVELOPED. THIS MAY LEAD TO SPECIFIC REGULATIONS. AN EMISSIONS INVENTORY FOR AIR TOXICS IS ALSO BEING DEVELOPED. SAFETY FACTOR: 420

SD

HISTORICALLY, TOXIC AIR POLLUTANTS HAVE NOT BEEN A PROBLEM IN SOUTH DAKOTA EVEN ON A LOCAL BASIS. YOU WILL NOTE THAT 3-M IN BROOKINGS IS THE ONLY EXISTING SOURCE IN THE STATE. IT IS APPARENT HOWEVER, THAT NEW INDUSTRIES COMING TO THE STATE INVOLVE NON-CRITERIA POLLUTANTS MORE FREQUENTLY THAN CRITERIA POLLUTANTS. A NEW MAGNETIC TAPE MANUFACTURING PLANT EMITS SEVERAL HUNDRED TONS/YEAR OF CYCLO HEXANONE BUT I WOULD NOT CLASSIFY THAT AS A TOXIC AIR POLLUTANT. A NEW 40 MILLION PARTICLE BOARD PLANT HAD THE POTENTIAL TO EMIT SEVERAL THOUSAND TON/YR OF TOLUENE AND MEK IN GLUE, BUT THEY OPTED TO WHT GLUE DUE TO PERMIT.

TN-KNOX

EMISSIONS INVENTORY IS CURRENTLY IN DEVELOPMENT STAGES. WE ARE CURRENTLY STUDYING THE TYPE OF AIR TOXICS CONTROL PROGRAM(I.E. APPLICATION OF ACCEPTABLE AMBIENT CONCENTRATIONS, AMBIENT STANDARDS, CONTROL TECHNOLOGY REQUIREMENTS OF RISK ASSESSMENT) WHICH WILL BEST MEET THE NEEDS OF KNOX COUNTY.

TN-CHAT.

OK

TN-MEMPHIS

(11) & (12) UNDECIDED, (15) STILL UNDER DEVELOPMENT.

TX

BACT IS REQUIRED FOR ALL NEW AND MODIFIED SOURCES AND PROCESS EQUIPMENT REGARDLESS OF AMBIENT IMPACT. IMPACT REVIEW IS THEN CONDUCTED ON THE RESIDUAL EMISSIONS. SCREENING REVIEW USES BOTH 30-MINUTE ANNUAL MAXIMUM AND ANNUAL AVERAGE MODELED CONCENTRATIONS. SCREENING LEVELS ARE 0.01 AND 0.001 OF AN APPROPRIATE OCCUPATIONAL LIMIT OR AN ALTERNATIVE NUMBER DERIVED BY TACB STAFF. ODOR, CORROSION, VEGETATION DAMAGE, AND OTHER WELFARE EFFECTS ARE CONSIDERED IN DERIVING GUIDELINE LEVELS. LEVELS CURRENTLY IN USE ARE AVAILABLE BY PHONE. IF A PROPOSED UNIT DOES NOT PASS THE SCREEN, A MORE DETAILED REVIEW OCCURS.

VA

THE ABOVE ANSWERS ARE BASED ON VIRGINIA'S NON-CRITERIA AIR POLLUTANT PILOT PROGRAM. THIS IS A LEARNING EXPERIENCE FOR US AND THEREFORE SUBJECT TO CHANGE AS OUR KNOWLEDGE INCREASES.

VI

PROGRAM SCHEDULED TO IN PLACE IN FISCAL 1985.

VT

THE VT APCD USES ACTION LEVELS (EMISSION RATE IN LBS PER DAY) AS A MEANS OF SCREENING SOURCES FOR APPLICABILITY TO THE GUIDELINES.

TABLE 6. REGULATORY PROGRAM COMMENTS

WA

MANY QUESTIONS ARE PREMATURE GIVEN THE CURRENT LEVEL OF OUR AIR TOXICS PROJECT. WE ARE ACTIVELY ENGAGED IN ESTABLISHING A STATE-WIDE EMISSION INVENTORY OF TRADITIONAL POINT AND NON-POINT SOURCES OF AIR TOXICS . EXPECTED DATE OF COMPLETION IS SUMMER '85. REGULATORY PROCESSES AND OPTIONS ARE BEING DISCUSSED AND EVALUATED, HOWEVER, A DECISION FOR WHICH WILL ULTIMATELY RELY ON THE EXTENT OF THE AIR TOXICS PROBLEM BASED ON THE DATA COLLECTED IN THE EMISSIONS INVENTORY.

WA-PUGET

AN AIR TOXICS EMISSION INVENTORY (1985 BASE YEAR) IS COMPLETE FOR POINT AND AREA SOURCE EMISSION ESTIMATES. THE AGENCY HAS DRAFTED REGULATIONS FOR SPECIFIC SOURCES OF TOXICS. THESE ARE WOOD TREATING PLANTS AND WASTE OIL COMBUSTION.

WA-GRANT

THE PROGRAM WILL LIKELY BE LIMITED TO A VERY SMALL NUMBER OF SOURCES (PERHAPS 2 OR 3).
(17) SUCH PLANS ARE ALREADY REQUIRED FOR SEVERAL SOURCES. THE PLANS DO NOT DIFFERENTIATE BETWEEN 'CRITERIA' AND 'TOXIC' POLLUTANTS.

WA-SWEST

5. WE USE THE TLV LIST, BUT OTHER POLLUTANTS ARE ALSO REVIEWED.
7. THE EXISTING SOURCES WILL BE AS TIME PERMITS.
11. 1/420 TLV.
14. WHEN DEALING WITH VERY TOXIC OR CARCINOGENS THERE IS A FINDING PRIOR TO ISSUANCE OF CO-STRUCTURE AUTHORIZATION THAT MAY REQUIRE A RISK ASSESSMENT.
15. THIS EMISSIONS INVENTORY IS VERY LIMITED.
17. LEGISLATION IS ON THE FLOOR TO HELP IN THE IMPLEMENTATION OF THE POLICY.

WY

11) TLV/42 = 1 HOUR AAL

SECTION 4

ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

Many States and localities use some form of ambient guideline or standard for the control of toxic air pollutants. These acceptable ambient concentration guidelines or standards and the bases for developing them are listed in Table 7, in alphabetical order by pollutant.* In addition to the pollutant and Chemical Abstracts Service (CAS) number,** State or local agency, concentration, and units, Table 7 lists the averaging time over which the concentration is computed. Assuming equal concentrations, the shorter the averaging time, the more stringent is the guideline or standard. Common averaging times used by State and local agencies in conjunction with acceptable ambient concentration guidelines or standards include 30-minute, 1-hour, 8-hour, 24-hour, and 1-year.

Many States and localities use occupational exposure levels (OEL) as a basis for developing ambient limits, at least for some pollutants. Table 7 also presents the basis used by State and local agencies for developing these limits. It indicates whether the agency bases its acceptable ambient concentrations on factored occupational exposure levels and the uncertainty factors used. If an agency bases its acceptable concentration guidelines or standards on agency-sponsored original research, adoption of a concentration set by another agency, or on other sources, this information is also noted. In this table, a "Y" stands for yes, an "N" for no.

Table 7 also indicates whether or not an agency has submitted comments on their acceptable ambient concentration guidelines or standards. All comments are provided in Table 8. Please note that a "Y" in the comments column in Table 7 indicates only that the agency has submitted comments on their acceptable ambient concentrations to the Clearinghouse. The comments do not necessarily refer to any specific pollutant.

---

*It should be noted that the values listed may not be referred to by the States or localities as acceptable ambient concentrations. For example, the values listed for Connecticut are referred to as Hazard Limiting Values.

**The CAS number is a unique number assigned to chemicals by the American Chemical Society CAS Registry System. The CAS numbers are independent of nomenclature and have no chemical significance. They are assigned as each new chemical substance enters the CAS Registry System. When a CAS number was not assigned by the CAS Registry System, the data base assigned the substance a call name consisting of some combination of letters beginning with CL (for Clearinghouse). Appendix C lists these Clearinghouse-assigned call names.

A factored occupational exposure level is the use of a constant value (uncertainty factor) to apply to some or all of a specific set of occupational limits to convert from a workplace guideline to an ambient guideline. Uncertainty factors are applied to account for sensitive populations (e.g., infants, senior citizens) as opposed to "healthy" workers, as well as for continuous as opposed to workplace (8-hour) exposure. Some States and localities apply different factors to different categories of pollutants based on toxicity or carcinogenicity. Generally, the larger the number used to adjust the occupational limit, the more stringent is the ambient guideline, although the averaging time is also important in this respect.

The occupational exposure levels used most commonly for this purpose are the Threshold Limit Value-Time Weighted Averages (TLV-TWAs) for workplace exposures established by the American Conference of Governmental Industrial Hygienists (ACGIH), the Occupational Safety and Health Administration (OSHA) permissible exposure levels (PEL) for airborne substances in the workplace, and the National Institute for Occupational Safety and Health (NIOSH) recommended criteria for occupational exposures in air. The ACGIH TLV-TWA is the time-weighted average concentration for a normal 8-hour workday and a 40-hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect. They are based on the best available information from industrial experience, from experimental human and animal studies, and when possible, from a combination of the three. NIOSH, which is the research arm of OSHA, prepares "criteria documents" which are used by OSHA in promulgation of its occupational standards. The NIOSH recommendations are based primarily on medical science, whereas OSHA considers technical feasibility and economic factors in its role as regulator.

Although most States and localities rely primarily on the ACGIH TLVs if the acceptable ambient concentration guidelines or standards are based on occupational values, some use NIOSH criteria, OSHA standards, or a combination of these occupational limits. Moreover, some States and localities apply an uncertainty factor to an entire set of occupational limits, whereas others derive acceptable ambient concentration guidelines or standards in this manner only for selected pollutants.* A Clearinghouse publication entitled "Rationale for Air Toxics Control in Seven State and Local Agencies" (August 1985) describes in detail the approach used by four State and three local agencies for determining acceptable ambient concentration guidelines or standards.

---

*Maryland is an example of an agency which has an open-ended program that provides a methodology for deriving acceptable ambient concentrations for a large number of pollutants. Refer to Table 6 for comments on Maryland's regulatory program.

Most of the values reported in Table 7 are presented in units of micrograms per cubic meter of air (ug/m^3) or milligrams per cubic meter of air (mg/m^3), unless otherwise indicated. If a pollutant is listed and the value for concentration is 0.0000, the agency did not submit a limit or may be considering the development of an acceptable ambient concentration for that pollutant.

The reader should address any questions or requests for additional information about acceptable ambient concentrations to the regulatory program contacts identified in Table 2 in Section 2.

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
A-AMINOPROPYL TRIETHOXY SILANE (919-39-2)												
NY	0.2000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ACETALDEHYDE (75-07-0)												
CT	3600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	18000.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	4.6000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	27000.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	4.2900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	600.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	3000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETIC ACID (69-19-7)												
CT	500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	500.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETIC ANHYDRIDE (108-24-7)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	67.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETONE (67-64-1)												
CT	11800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	8000.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	42.3800	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	35600.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	11800.0000	UG/M3	8HR	Y	N	N	Y	50.0000	N	N	N	N
VA	30000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETONITRILE (75-05-8)												
CT	680.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.6700	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1400.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETONYLBENZYLHYDROXYCOUMARIN,3-,ALP (81-81-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.0160	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETYLENE (74-86-2)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ACETYLENE TETRABROMIDE (79-27-6)												
CT	280.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
KS	0.0000			N	N	N	N	0.0000	N	N	N	Y
NV	0.3570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACETYLSALICYLIC ACID (50-78-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACROLEIN (107-02-8)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	0.0300	PPM	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.0069	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.8300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	4.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACRYLAMIDE (79-06-1)												
CT	6.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	3.0000	UG/M3	8HR	Y	Y	Y	Y	100.0000	N	N	N	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACRYLIC ACID (79-10-7)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	450.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ACRYLONITRILE (107-13-1)												
CT	22.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IN	0.0147	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	N
MA	0.1500	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.1450	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.1070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	15.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	11.3000	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
SD	22.0000	UG/M3	8HR	Y	N	Y	N	200.0000	N	N	N	N
VA	45.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
ADIPONITRILE (111-69-3)												
CT	360.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
ALDICARB (116-06-3)												
NY	2.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ALDRIN (309-00-2)												
CT	1.5000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
KS	0.5950	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.0350	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	4.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ALLYL ALCOHOL (107-18-6)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ALLYL GLYCIDYL ETHER (106-92-3)												
CT	220.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ALLYL PROPYL DISULFIDE (2179-59-1)												
CT	240.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ALPHA-BHC (319-84-6)												
NY	1.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ALUMINUM (7429-90-5)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	50.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	30.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
AMINOBIPHENYL,4- (92-67-1)												
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.8000	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	4.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
AMINOPYRIDINE,2- (504-29-0)												
VA	30.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
AMINOTRIAZOLE,3-,1,2,4- (61-82-5)												
KS	0.4760	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
PA-PHIL.	1.8000	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
VA	3000.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
AMMONIA (7664-41-7)												
CT	360.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	42.8570	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	24.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
AMMONIA (7664-41-7)												
NV	0.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	360.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	360.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
WY	429.0000	UG/M3	1HOUR	Y	Y	N	N	42.0000	N	N	N	N
AMMONIUM BROMIDE (12124-97-9)												
NY	30.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
AMMONIUM CHLORIDE-FUME (12125-02-9)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	200.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	150.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
AMMONIUM SULFAMATE (7773-06-0)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	150.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
AMYLACETATE,N- (628-63-7)												
CT	10500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	12.6200	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
AMYLACETATE,SEC- (626-38-0)												
CT	13100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	15.9500	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	11100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ANILINE (62-53-3)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
KS	23.8100	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	1.4000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.2000	PPM	1HOUR	N	N	N	N	0.0000	N	N	N	N
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.4000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	3.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ANILINE HYDROCHLORIDE (142-04-1)												
MA	5.4000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
ANISIDINE (O,P ISOMERS) (29191-52-4)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ANISIDINE (O,P ISOMERS) (29191-52-4)												
RI	1.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ANISIDINE,P- (104-94-9)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	4.7600	PPB	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ANTIMONY (7440-36-0)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	1.1900	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	1.2000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	40.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ANTIMONY OXIDE (1309-64-4)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ARAMITE (140-57-8)												
PA-PHIL.	18.0700	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
AROCLOR 1254 (11097-69-1)												
NV	0.0119	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
ARSENIC ACID, (H3ASO4) (7778-39-4)												
NC	0.0002	UG/M3	ANNUAL					0.0000				N
ARSENIC AND COMPOUNDS AS AS (7440-38-2)												
CT	0.0500	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MT	0.3900	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.0700	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NC	0.2300	NG/M3	ANNUAL	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.0240	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.0002	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	3.3000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ARSENIC CHLORIDE (7784-34-1)												
NC	0.0002	UG/M3	ANNUAL					0.0000				N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ARSENIC PENTOXIDE (1303-28-2)												
NC	0.0002	UG/M3	ANNUAL					0.0000				N
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ARSENIC TRIOXIDE (1327-53-3)												
NC	0.0002	UG/M3	ANNUAL					0.0000				N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
ARSINE (7784-42-1)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	3.3000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ASBESTOS (1332-21-4)												
CT	0.0010	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MA	0.0000	FB/CM3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.0100	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0000			N	Y	N	N	42.0000	Y	N	N	N
NV-L.VEGAS	1000.0000	FIB/M3	24-HR	N	N	N	N	0.0000	N	N	Y	Y
NY	5.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.0050	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	2.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
ASPHALT (PETROLEUM) FUMES (8052-42-4)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ATRAZINE (1912-24-9)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BARIUM (7440-39-3)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BAYGON (114-26-1)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
BAYTEX (55-38-9)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.2000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BENOMYL (17804-35-2)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BENZENE (71-43-2)												
CT	150.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MA	1.2000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	150.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	72.0000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.1000	MG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	300.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
BENZENETHIOL (108-98-5)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	11.9000	PPB	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BENZIDINE (92-87-5)												
NC	0.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	Y	N	N
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	30.0000	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
RI	0.0200	NG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	0.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
BENZO(A)PYRENE (50-32-8)												
CT	0.1000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
PA-PHIL.	0.0007	UG/M3	1YR.	N	N	N	N	100.0000	N	N	Y	N
VA	0.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
BENZOTRICHLORIDE (98-07-7)												
RI	0.0007	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
BENZOYL PEROXIDE (94-36-0)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BENZYL CHLORIDE (100-44-7)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
MA	0.7000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
BENZYL CHLORIDE (100-44-7)												
NC	25.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	20.0000	UG/M3	1HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	85.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BERYLLIUM (7440-41-7)												
CT	0.0100	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MA	0.0042	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.0100	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0001	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.0100	UG/M3	1YR.	N	N	N	N	1.0000	N	N	Y	N
SD	0.0200	UG/M3	8HR	Y	Y	Y	N	100.0000	N	N	N	N
VA	0.0200	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
BERYLLIUM OXIDE (1304-56-9)												
NY	0.0070	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
BIPHENYL (92-52-4)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.0860	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	5.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	7.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BIS(2-CHLOROETHYL) ETHER (111-44-4)												
KS	71.4290	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.1190	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	120.0000	PPB	1YR.	N	N	N	N	1.0000	Y	Y	Y	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BISMUTH TELLURIDE (1304-82-1)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BORATES, TETRA, SODIUM SALTS (1303-96-4)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BORON OXIDE (1303-86-2)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
BORON TRIBROMIDE (10294-33-4)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BORON TRIFLUORIDE (7637-07-2)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BROMACIL (314-40-9)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BROMINE (7726-95-6)												
CT	14.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0170	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	11.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BROMINE PENTAFLUORIDE (7789-30-2)												
CT	14.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0170	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	11.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BROMOCHLOROMETHANE (74-97-5)												
CT	21000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	25.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
BROMOFORM (75-25-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTADIENE,1,3- (106-99-0)												
CT	22000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.0350	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	110.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	52.4000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	220.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
BUTANE (106-97-8)												
CT	38000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	45.2000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	32000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
BUTANETHIOL (109-79-5)												
CT	30.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	5.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTANONE,2- (78-93-3)												
CT	11800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	160.0000	UG/M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
NC	88500.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	14.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	11800.0000	UG/M3	8HR	Y	Y	Y	Y	50.0000	N	N	N	N
VA	9800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTANONEPEROXIDE,2- (1338-23-4)												
CT	30.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	30.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	11.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYL ACRYLATE (140-32-2)												
CT	1100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.3100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	900.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYL ALCOHOL (71-36-3)												
CT	6000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	210.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	3.5700	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	3000.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	1250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYL BENZYL PHTHALATE (85-68-7)												
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
BUTYLACETATE,N- (123-86-4)												
CT	14200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	16.9000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	14200.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	14200.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	12000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLACETATE,SEC- (105-46-4)												
CT	19000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	22.6000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	15000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
BUTYLACETATE,TERT- (540-88-5)												
CT	19000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	22.6000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	15000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLALCOHOL,SEC- (78-92-2)												
CT	6100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	7.2600	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3050.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLAMINE,N- (109-73-9)												
NV	0.3570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLATED HYDROXYTOLUENE (128-37-0)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLCHROMATE,TERT- (1189-85-1)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLGLYCIDYLETHER,N- (2426-08-6)												
CT	1350.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	3.2100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLLACTATE,N- (138-22-7)												
CT	500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	425.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLPHENOL,O-SEC- (89-72-5)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYLTOLUENE,P-TERT- (27138-21-2)												
VA	1000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
BUTYRONITRILE,N- (109-74-0)												
CT	440.0000	UG/M3	8HR.	Y	Y	Y	Y	0.0000	N	N	N	Y
CADMIUM (7440-43-9)												
CT	0.4000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
MA	0.0056	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
CADMIUM (7440-43-9)												
MT	0.3900	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.0700	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NC	0.2500	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.1200	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.0006	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
SD	0.4000	UG/M3	8HR	Y	N	N	Y	100.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CADMIUM CHLORIDE (10108-64-2)												
NY	1.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CADMIUM OXIDE (1306-19-0)												
CT	0.4000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.1670	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	0.4000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CADMIUM SULFATE (10124-36-4)												
NY	0.1670	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CALCIUM CHROMATE, ANHYDROUS (13765-19-0)												
MA	0.0008	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
CALCIUM CYANAMIDE (156-62-7)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CALCIUM HYDROXIDE (1305-62-0)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CALCIUM OXIDE (1305-78-8)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CAMPHOR, SYNTHETIC (76-22-2)												
CT	80.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CAPROLACTAM (105-60-2)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CAPTAFOL (2425-06-1)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CAPTAN (133-06-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	11.9050	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	35.0000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
CARBARYL (63-25-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	11.9050	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	3.5000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CARBOFURAN (1563-66-2)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CARBON BLACK (1333-86-4)												
CT	70.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0830	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	11.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CARBON DIOXIDE (124-38-9)												
NV	214.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	150.0000	MG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CARBON DISULFIDE (75-15-0)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	150.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CARBON MONOXIDE (630-08-0)												
AZ-PIGICO	10.0000	UG/M3	8HRS	N	N	N	N	0.0000	N	N	N	Y
	40.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CARBON MONOXIDE (630-08-0)												
CT	10000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.3100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
CARBON TETRABROMIDE (558-13-4)												
CT	28.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	20.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CARBON TETRACHLORIDE (56-23-5)												
CT	300.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
IN	0.0667	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	N
MA	0.6700	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	150.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	72.0000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.0300	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	300.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CARBONYL FLUORIDE (353-50-4)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
CATECHOL (120-80-9)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CESIUM HYDROXIDE (21351-79-1)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
CHLORAMBEN (50641-75-3)												
PA-PHIL.	1333.0000	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
CHLORDANE (57-74-9)												
CT	2.5000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	1.1900	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	0.0680	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.3500	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CHLORINATED DIPHENYL OXIDE (55720-99-5)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLORINE (7782-50-5)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	7.1430	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	39.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	10.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLORINE COMPOUNDS (CL-CHLOR)												
NV-L.VEGAS	20.0000	UG/M3	1-HR	N	N	N	N	0.0000	Y	N	N	Y
CHLORINE DIOXIDE (10049-04-4)												
CT	6.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLORINE TRIFLUORIDE (7790-91-2)												
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROACETALDEHYDE (107-20-0)												
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROACETOPHENONE (532-27-4)												
CT	6.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CHLOROACETYL CHLORIDE (79-04-0)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROANILINE,P- (106-47-8)												
CT	0.0600	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NY	6.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CHLOROBENZILATE (510-15-6)												
PA-PHIL.	7.0000	UG/M3	1YR.	Y	N	N	N	10.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
CHLOROBENZYLIDENEMALONONITRILE,O- (2698-41-1)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROBROMOMETHANE (74-79-5)												
CT	21000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	25.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	17500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROBUTADIENE,2-,1,3- (126-99-8)												
CT	900.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
MA	2.5000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	1.0700	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLORODIFLUOROMETHANE (75-45-6)												
CT	70000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	83.3000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	58000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLORODIPHENYL (53469-21-9)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
CHLOROETHANE (75-00-3)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
MA	360.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	23.8000	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	52000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	0.0000			Y	Y	N	N	60.0000	N	N	N	N
CHLOROETHANOL,2- (107-07-3)												
CT	320.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
CHLOROFORM (67-66-3)												
CT	250.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IN	1200.0000	UG/M3	8HRS.	Y	Y	N	N	200.0000	N	N	N	N
MA	0.4300	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.4300	UG/M3	ANNUAL	Y	Y	N	N	0.0000	N	N	N	N
NV	1.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	167.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	120.0000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.0400	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CHLOROMETHYLETHER,BIS (542-88-1)												
CT	0.0150	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
NC	0.0250	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0001	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.0170	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.0120	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	0.0100	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CHLORONITROBENZENE,4- (100-00-5)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
KS	83.3300	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CHLORONITROPROPANE,1-,1- (600-25-9)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	150.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROPENTAFLUOROETHANE (76-15-3)												
CT	0.1264	G/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	151.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	9999.9999	MG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROPICRIN (76-06-2)												
CT	14.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0170	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	11.7000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROPROPENE,3- (107-05-1)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	1.0000	PPM	1HOUR	N	N	N	N	0.0000	N	N	N	N
NV	0.2380	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	10.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	45.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROPYRIFOS (2921-88-2)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROSTYRENE (1331-28-8)												
NV	6.7900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CHLOROTOLUENE,O- (95-49-8)												
CT	5000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.9500	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CHLOROTRICHLOROMETHYLPYRIDINE,2-,6- (1929-82-4)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CHROMIC ACID (7738-94-5)												
CT	0.2500	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MA	0.0010	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
CHROMIUM (7440-47-3)												
CT	2.5000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MA	0.0680	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MT	0.3900	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.0700	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NC	0.2500	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.1670	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.1200	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.0900	MG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	0.5000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CHROMYL CHLORIDE (14977-61-8)												
CT	15.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0040	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
CHRYSENE (218-01-9)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CLOPIDOL (2971-90-6)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
COAL TAR PITCH VOLATILES (8007-45-2)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	0.0161	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
NC	1.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.4800	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	2.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
COBALT (7440-48-4)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
COBALT CARBONYL (10210-68-1)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
COBALT HYDROCARBONYL (16842-03-8)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
COKE OVEN EMISSIONS (CL-COE)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
COPPER (7440-50-8)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MT	1.5700	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.2600	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	20.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
COTTONSEED OIL (8001-29-4)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CRAG HERBICIDE (556-22-9)												
CT	300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
CREOSOTE (8021-39-4)												
SD	1.0000	UG/M3	8HR	Y	Y	N	N	200.0000	N	N	N	N
CRESOL (ALL ISOMERS) (1319-77-3)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	0.5000	PPM	1HR.	Y	Y	N	N	0.0000	N	N	N	N
NV	0.5240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	73.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CRESOL,M- (108-39-4)												
NY	73.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	370.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CRESOL,O- (95-48-7)												
IN	110.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
NY	73.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	370.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CRESOL,P- (106-44-5)												
MA	12.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
VA	370.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CROTONALDEHYDE (123-73-9)												
CT	120.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CRUFOMATE (229-86-5)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CUMENE (98-82-8)												
CT	4900.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.8300	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CURENE (101-14-4)												
CT	0.0150	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
NV	0.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.5500	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	1.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	2.2000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
CYANAMIDE (420-04-2)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	6.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYANIC ACID, POTASSIUM SALT (590-28-3)												
NY	66.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CYANIC ACID, SODIUM SALT (917-61-3)												
NY	66.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CYANIDE (57-12-5)												
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CYANIDES (143-33-9)												
SD	100.0000	UG/M3	8HR	Y	Y	Y	Y	50.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYANOACETAMIDE (107-91-5)												
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
CYANOGEN (460-19-5)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	66.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYANOGEN CHLORIDE (506-77-4)												
NV	0.0140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYCLOHEXANE (110-82-7)												
CT	21000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	1400.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	25.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	21000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	17000.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
CYCLOHEXANOL (108-93-0)												
CT	4000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	476.1900	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	4.7600	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYCLOHEXANONE (108-94-1)												
CT	2000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.3800	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1600.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYCLOHEXENE (110-83-8)												
CT	20300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	24.2000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	17000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYCLOHEXYLAMINE (108-91-8)												
CT	800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	95.2380	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	650.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
CYCLONITE (121-82-4)												
CT	30.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYCLOPENTADIENE (542-92-7)												
CT	4000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	4.7600	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYCLOPENTANE (287-92-3)												
CT	17000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	41.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	29000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
CYHEXATIN (13121-70-5)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DALAPON (75-99-0)												
CT	120.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2350	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
DDE,P,P'- (72-55-9)												
PA-PHIL.	1.8000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
DDT (50-29-3)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
KS	2.3810	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	1.8000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DECABORANE (17702-41-9)												
CT	6.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DEMETON (8065-48-3)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
DI-N-BUTYL PHTHALATE (84-74-2)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
DI-2,3-EPOXYPROPYL ETHER (2238-07-5)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.3800	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIACETONE ALCOHOL (123-42-2)												
CT	4800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.7100	PPB	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIALLYL MALLEATE (999-21-3)												
NY	6.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
DIAMINOTOLUENE,2,5- (95-70-5)												
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
DIAZINON (333-41-5)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIAZOMETHANE (334-88-3)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	7.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIBORANE (19287-45-7)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIBROM (300-76-5)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIBROMOCHLOROPROPANE,1,2-,3- (96-12-8)												
CT	0.0500	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
PA-PHIL.	0.1000	PPB	1YR.	N	N	N	N	1000.0000	N	N	Y	N
DIBUTYLAMINOETHANOL,2-N- (102-81-8)												
CT	280.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	230.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
DIBUTYLPHOSPHATE (107-66-4)												
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROACETYLENE (7572-29-4)												
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.2000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROBENZENE,1,2- (95-50-1)												
CT	6000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	1500.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	82.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	7.1400	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	2500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROBENZENE,1,4- (106-46-7)												
CT	4500.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
MA	4.2000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	11.0000	PPM	15MIN.	Y	Y	N	N	0.0000	N	N	N	N
NV	10.7000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	7500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROBENZIDINE,3,3'- (91-94-1)												
NY	0.1000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.0000			N	N	N	N	0.0000	Y	Y	Y	N
RI	0.0020	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	0.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
DICHLORODIFLUOROMETHANE (75-71-8)												
CT	99000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	118.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	82500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLORODIMETHYLHYDANTOIN,1,3-,5,5- (118-52-5)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.2000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROETHANE,1,1- (75-34-3)												
CT	8000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	19.3000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	13500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROETHYLENE,1,1- (75-35-4)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IL	0.0000			N	N	N	N	0.0000	N	N	Y	N
IN	200.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
DICHLOROETHYLENE,1,1- (75-35-4)												
KS	0.2380	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	0.2000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	8000.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	66.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	24.0000	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROETHYLENE,1,2-,CIS-TRANS- (540-59-0)												
CT	15800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	110.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	18.8000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	13000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROMONOFLUOROMETHANE (75-43-4)												
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	650.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLORONITROETHANE,1,1-,1- (594-72-9)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROPHENOXYACETICACID,2,4- (94-75-7)												
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	105.0000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROPROPANE,1,2- (78-87-5)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	13.8900	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	5.1000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	8.3300	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROPROPENE,1,3- (542-75-6)												
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICHLOROTETRAFLUOROETHANE (76-14-2)												
NV	167.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	115.0000	MG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICOFOL (115-32-2)												
PA-PHIL.	8.8000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
DICROTOPHOS (141-66-2)												
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DICYCLOPENTADIENE (77-73-6)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIELDRIN (60-57-1)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
KS	0.5950	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.0350	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	4.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIETHANOLAMINE (111-42-2)												
CT	300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.3570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIETHYL KETONE (96-22-0)												
CT	14100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	16.8000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	12000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIETHYL PHTHALATE (84-66-2)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIETHYLAMINE (109-89-7)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	4.1000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.7150	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIETHYLAMINOETHANOL (100-37-8)												
CT	1000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIETHYLENETRIAMINE (111-40-0)												
CT	80.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	65.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
DIFLUORODIBROMOMETHANE (75-61-6)												
CT	17200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	29.5000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	14000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIISOBUTYL KETONE (108-83-8)												
CT	2500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	3.5700	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2500.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
DIISODECYL PHTHALATE (26761-40-0)												
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
DIISOPROPYLAMINE (108-18-9)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIMETHOXYBENZIDINE,3,3'- (119-90-4)												
NY	0.2000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
DIMETHOXYMETHANE (109-87-5)												
CT	62000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	73.8000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
DIMETHYL ACETAMIDE (127-19-5)												
CT	700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	600.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIMETHYL PHTHALATE (131-11-3)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIMETHYL SULFATE (77-78-1)												
CT	2.5000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MC	2.5000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	2.4000	PPB	1YR.	N	N	N	N	420.0000	N	N	Y	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
DIMETHYLAMINE (124-40-3)												
CT	360.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	42.8570	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
DIMETHYLAMINOBENZENE,4- (1300-73-8)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	0.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIMETHYLANILINE,N,N- (121-69-7)												
CT	500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5600	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
DIMETHYLBENZIDINE,3,3'- (119-93-7)												
VA	20.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
DIMETHYLCARBAMYL CHLORIDE (79-44-7)												
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.2400	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
DIMETHYLFORMAMIDE,N,N- (68-12-2)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	8.1000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIMETHYLHYDRAZINE,1,1- (57-14-7)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	2.4000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	10.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
DINITROCRESOL,4,6-,O- (534-52-1)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DINITOLMIDE (148-01-6)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DINITROBENZENE,O (528-29-0)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DINITROBENZENE,P (100-25-4)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
DINITROBENZENE,1,3- (99-65-0)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DINITROTOLUENE (25321-14-6)												
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DINITROTOLUENE,2,4- (121-14-2)												
CT	15.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
DIOXANE,1,4- (123-91-1)												
CT	450.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	214.2860	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	2.4000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	450.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	2.1400	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	300.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	86.4000	PPB	1YR.	N	N	N	N	4200.0000	N	N	Y	N
SD	900.0000	UG/M3	8HR	Y	Y	N	N	100.0000	N	N	N	N
VA	1500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIOXATHION (78-34-2)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIPHENYL OXIDE (101-84-8)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	115.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIPHENYLMETHANEDIISOCYANATE,4,4'- (101-68-8)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	0.2000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIPROPYL KETONE (128-19-3)												
CT	4700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)												
CT	12000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	14.3000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	10000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIQUOT (85-00-7)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DISULFOTON (298-04-4)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIURON (330-54-1)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIVINYL BENZENE (1321-74-0)												
VA	800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
DIVINYL BENZENE,M (108-57-6)												
CT	1000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
ENDOSULFAN (115-29-7)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	0.2380	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	2.4000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ENDRIN (72-20-8)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	0.2380	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.0700	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
EPICHLOROHYDRIN (106-89-8)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
IN	50.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	2.7000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	8.3000	UG/M3	ANNUAL	Y	Y	N	N	0.0000	N	N	N	N
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	33.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
EPICHLOROHYDRIN (106-89-8)												
PA-PHIL.	12.0000	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
RI	200.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
EPN (2104-64-5)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
ETHANETHION (75-08-1)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NC	5.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHANOL (64-17-5)												
CT	38000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	260.0000	UG/M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
NV	45.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	38000.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	16000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHION (563-12-2)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0090	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	6.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHOXYETHANOL,2- (110-80-5)												
CT	380.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	95.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.4520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	180.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	320.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHOXYETHYLACETATE,2- (111-15-9)												
CT	540.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.6430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	540.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	450.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL ACETATE (141-78-6)												
CT	28000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	2000.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	40.0000	PPM	1HR	Y	Y	N	N	0.0000	N	N	N	N
NV	33.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	28000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
ETHYL ACETATE (141-78-6)												
SD	28000.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	23000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL ACRYLATE (INHIBITED) (140-88-5)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.2800	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL AMYL KETONE (41-85-5)												
CT	2600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	3.0950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL BENZENE (100-41-4)												
CT	8700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	120.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	10.3570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1450.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	7250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL BROMIDE (74-96-4)												
CT	17800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	21.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	14800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL BUTYL KETONE (106-35-4)												
CT	4600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL ETHER (60-29-7)												
CT	24000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	160.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	28.3710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	24000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	20000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYL FORMATE (109-94-4)												
CT	6000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	7.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENE (74-85-1)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ETHYLENE DIBROMIDE (106-93-4)												
CT	755.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IN	720.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
NC	0.0450	UG/M3	ANNUAL	Y	N	N	Y	0.0000	N	N	N	N
PA-PHIL.	2.4700	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	1500.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
ETHYLENE DICHLORIDE (107-06-2)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	1000.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	0.3900	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.0380	UG/M3	ANNUAL	Y	Y	N	N	0.0000	N	N	N	N
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.2000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	148.0000	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
RI	0.0400	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	650.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENE GLYCOL (107-21-1)												
MA	170.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	2.9760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENE GLYCOL DINITRATE (628-96-6)												
CT	6.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
ETHYLENE GLYCOL METHYL ETHER ACETATE (110-49-6)												
CT	480.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)												
NV	0.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	24000.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	2000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENE GLYCOL MONOPROPYL ETHER (2807-30-9)												
NY	70.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ETHYLENE OXIDE (75-21-8)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
IN	450.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
NC	0.1000	UG/M3	ANNUAL	Y	Y	N	N	0.0000	N	N	N	N
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	6.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	4.8700	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
RI	0.0100	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ETHYLENE OXIDE (75-21-8)												
SD	20.0000	UG/M3	8HR	Y	Y	N	N	100.0000	N	N	N	N
VA	20.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENE THIOUREA (96-45-7)												
PA-PHIL.	0.7000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
ETHYLENEDIAMINE (107-15-3)												
CT	500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MC	1.0000	PPM	1HR.	Y	Y	N	N	0.0000	N	N	N	N
NV	0.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLENEIMINE (151-56-4)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IL	0.0000			Y	N	N	N	0.0000	N	N	N	N
NC	50.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ETHYLHEXYLPHTHALATE,BIS,2- (117-81-7)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.6800	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	25.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	120.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
RI	200.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLHEXYLSEBACATE,BIS,2- (122-62-3)												
NY	80.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ETHYLIDENE-2-NORBORNENE (16219-75-3)												
NV	0.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ETHYLMORPHOLINE,N- (100-74-3)												
CT	460.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FENSULFOTHION (115-90-2)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
FERBAM (14484-64-1)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
FERROCENE (102-54-5)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FERROVANADIUM DUST (12604-58-9)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
FLUORENE (86-73-7)												
CT	50.0000	UG/M3	8HR.	N	Y	Y	Y	0.0000	N	N	N	Y
FLUORIDES (16984-48-8)												
IA	2.8500	UG/M3	24HR	N	N	N	N	0.0000	N	N	N	N
KY	80.0000	PPM	MONTHLY	N	N	N	N	0.0000	N	N	Y	N
MA	34.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MT	35.0000	PPM	GRAZ.SEA	N	N	N	N	0.0000	Y	N	N	Y
NC	0.2500	MG/M3	1HOUR	N	N	N	N	0.0000	N	N	N	N
VA	40.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FLUORINE (7782-41-4)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	12.5000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	6.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	30.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FLUOROACETIC ACID SODIUM SALT (62-74-8)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.1900	UG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FLUOROTRICHLOROMETHANE (75-69-4)												
CT	0.1120	G/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	133.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	13000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FONOFOS (944-22-9)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
FORMALDEHYDE (50-00-0)												
CT	12.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
IN	18.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KY	0.0000			N	N	N	N	0.0000	N	N	Y	N
MA	0.7700	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	300.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	7.2000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
SD	12.0000	UG/M3	8HR	Y	Y	N	N	100.0000	N	N	N	N
VA	12.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
WA-OLYMPIA	0.0500	PPM		Y	Y	N	N	0.5000	N	N	N	Y
FORMAMIDE (75-12-7)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	480.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FORMIC ACID (64-18-6)												
CT	180.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	30.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	150.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
FURFURAL (98-01-1)												
CT	160.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	26.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
FURFURAL ALCOHOL (98-00-0)												
CT	800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	133.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	640.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
GAMMA-HEXACHLORO-CYCLOHEXANE (58-89-9)												
CT	0.0000			Y	Y	Y	Y	100.0000	N	N	N	Y
KS	1.1900	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	0.0680	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	17.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	1.2000	UG/M3	1YR.	N	N	N	N	1.0000	N	N	Y	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
GASOLINE (8006-61-9)												
CT	18000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	21.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	15000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
GERMANIUM TETRAHYDRIDE (7782-65-2)												
CT	12.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	10.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
GLUTARALDEHYDE (111-30-8)												
CT	14.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0170	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	6.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
GLYCEROL (56-81-5)												
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	200.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
GLYCIDALDEHYDE (765-34-4)												
NV	0.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
GLYCIDOL (556-52-5)												
CT	1500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	1300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
GUSATHION (86-50-0)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HAFNIUM (7440-58-6)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEPTACHLOR (76-44-8)												
CT	2.5000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	1.1900	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	0.0068	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.1800	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
HEPTANE (142-82-5)												
CT	7000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	38.0950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	32000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	7000.0000	UG/M3	8HR	Y	N	N	Y	50.0000	N	N	N	N
VA	24500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEXACHLORO-1,3-BUTADIENE (87-68-3)												
CT	2.4000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.8000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.7200	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
VA	2.4000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
HEXACHLOROBENZENE (118-74-1)												
PA-PHIL.	0.4800	PPB	1YR.	N	N	N	N	4200.0000	N	N	Y	N
HEXACHLOROCYCLOPENTADIENE (77-47-4)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	0.5000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	0.0150	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.0010	PPM	1HR.	Y	Y	N	N	0.0000	N	N	N	N
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	2.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEXACHLOROETHANE (67-72-1)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	238.0950	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	0.1800	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	2.3810	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1600.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEXACHLORONAPHTHALENE (1335-87-1)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	3.2000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEXACHLOROPHENE (70-30-4)												
MA	0.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
HEXAFLUOROACETONE (684-16-2)												
CT	14.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0170	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	11.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
HEXAMETHYLENE DIISOCYANATE (822-06-0)												
CT	0.7000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
HEXAMETHYLPHOSPHORAMIDE (680-31-9)												
PA-PHIL.	0.0024	PPB	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
HEXANE,N- (110-54-3)												
CT	36000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	900.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	4.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	30000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEXANONE,2- (591-78-6)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	54.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HEXYLACETATE,SEC- (142-92-7)												
NV	7.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
HEXYLENE GLYCOL (107-41-5)												
NV	2.9760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
HYDRAZINE (302-01-2)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
MA	0.0180	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.5000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.2400	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
RI	0.0003	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
VA	1.0000	UG/M3	24HR.	Y	N	N	N	100.0000	N	N	N	N
HYDRAZOBENZENE (122-66-7)												
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
HYDROGEN BROMIDE (10035-10-6)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	200.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROGEN CHLORIDE (7647-01-0)												
MA	10.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.1670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	140.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
HYDROGEN CHLORIDE (7647-01-0)												
RI	2000.0000	UG/M3	1HOUR	N	N	N	N	0.0000	Y	N	N	Y
SD	140.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	120.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
HYDROGEN CYANIDE (74-90-8)												
CT	220.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	33.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROGEN FLUORIDE (7664-39-3)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KY	1.0000	PPM	24HR.	N	N	N	N	0.0000	N	N	Y	N
MA	3.4000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0600	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
RI	30.0000	UG/M3	1HOUR	N	N	N	N	0.0000	Y	N	N	Y
SD	50.0000	UG/M3	8HR	Y	Y	Y	Y	50.0000	N	N	N	N
VA	20.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROGEN PEROXIDE (30%) (7722-84-1)												
CT	28.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROGEN SELENIDE (7783-07-5)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROGEN SULFIDE (7783-06-4)												
CT	280.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KY	0.0100	PPM	HOURLY	N	N	N	N	0.0000	N	N	Y	N
MA	19.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MT	50.0000	PPB	1-HOUR	N	N	N	N	0.0000	Y	N	N	Y
NV	0.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	230.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROGENATED TERPHENYLS (95-94-4)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROQUINONE (123-31-9)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	6.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
HYDROQUINONE MONOMETHYL ETHER (150-76-5)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROXYPROPIONITRILE,3- (109-78-4)												
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
HYDROXYPROPYLACRYLATE,2- (999-61-1)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
INDIUM (7440-74-6)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
INOENE (95-13-6)												
CT	900.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	750.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
INORGANIC COMPOUNDS (CL-INORGAN)												
VA	0.0000			Y	Y	N	N	60.0000	N	N	N	N
IODINE (7553-56-2)												
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	20.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
IODOFORM (75-47-8)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
IODOMETHANE (74-88-4)												
CT	0.0000			Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0480	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	25.0000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	100.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
IRON (15438-31-0)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
IRON OXIDE FUME (1309-37-1)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	Y	Y	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
IRON PENTACARBONYL (13463-40-6)												
CT	16.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	13.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
ISO-AMYL ACETATE (123-91-2)												
CT	10500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.3800	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
ISOAMYL ACETATE (123-92-2)												
CT	10600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	720.0000	UG/M3	24-HR	N	N	N	N	0.0000	N	N	N	N
NV	12.5000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	10600.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	8800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOAMYL ALCOHOL (123-51-3)												
CT	7200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	8.5710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	7200.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ISOBUTYL ACETATE (110-19-0)												
CT	14000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	970.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	16.6670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	14000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	12000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOBUTYL ALCOHOL (78-83-1)												
CT	3000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	210.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	3.5710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOBUTYRONITRILE (78-82-0)												
CT	440.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
ISOOCTYL ALCOHOL (26952-21-6)												
CT	5400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	6.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
ISOPHORONE (78-59-1)												
CT	460.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	83.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOPHORONE DIISOCYANATE (4098-71-9)												
CT	0.9000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	1.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOPROPANOL (67-63-0)												
CT	19600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	23.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	19600.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	16500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOPROPOXYETHANOL (109-59-1)												
CT	2100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.5000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	170.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOPROPYL ACETATE (108-21-4)												
CT	19000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	1400.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	22.6190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3300.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	16000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOPROPYL ETHER (108-20-3)												
CT	21000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	25.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	17500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ISOPROPYL GLYCIDYL ETHER (4016-14-2)												
CT	2400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
KEPONE (143-50-0)												
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.8800	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
KETENE (463-51-4)												
CT	18.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0210	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
L-NICOTINE (54-11-5)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
LEAD ACETATE (1335-32-6)												
MA	0.0068	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
LEAD CHROMATE (7758-97-6)												
CT	0.5000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.5000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
LEAD POWDER (7439-92-1)												
CT	1.5000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
IL	0.0000			Y	N	N	N	0.0000	N	N	N	N
KS	0.3570	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	0.0680	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0040	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	1.5000	UG/M3	1YR.	N	N	N	N	1.0000	N	Y	N	N
VA	2.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
LEAD3 ARSENATE (10102-48-4)												
CT	3.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0040	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.5000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	2.5000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
LITHIUM CHLORIDE (7447-41-8)												
CT	36000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
LITHIUM HYDRIDE (7580-67-8)												
CT	0.5000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0006	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.4000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
M-NITROTOLUENE (99-08-1)												
CT	220.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2620	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	37.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
MAGNESIUM OXIDE FUME (1309-48-8)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
MALATHION (121-75-5)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	33.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MALEIC ANHYDRIDE (108-31-6)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.1400	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	5.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	17.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MALONONITRILE (109-77-3)												
CT	160.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MANGANESE (7439-96-5)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	300.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	25.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
RI	2.0000	UG/M3	1HOUR	N	N	N	N	0.0000	Y	N	N	Y
SD	20.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	17.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MANGANESE CYCLOPENTADIENYL TRICARBONYL (12079-65-1)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MANGANESE TETROXIDE (1317-35-7)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MELAMINE (108-78-1)												
KS	24.3900	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MERCURY (7439-97-6)												
CT	0.2000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IL	0.0000			Y	N	N	N	0.0000	N	N	N	N
KS	0.0240	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MT	0.0800	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.0100	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NC	3.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.0020	M		Y	Y	N	N	42.0000	N	N	N	N
NY	0.1670	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
MERCURY (7439-97-6)												
PA-PHIL.	0.2400	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MESITYL OXIDE (141-79-7)												
CT	800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHACRYLIC ACID (79-41-4)												
CT	1400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	1.6670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1200.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
METHACRYLONITRILE (126-98-7)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHANETHIOL (74-93-1)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	5.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
METHANOL (67-56-1)												
CT	5200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	619.0480	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	36.0000	UG/M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
NV	6.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	5200.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	4300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHOMYL (16752-77-5)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0595	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	40.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHOXYCHLOR (72-43-5)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.000	N	N	N	Y
KS	23.8100	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	35.0700	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
METHOXYETHANOL,2- (109-86-4)												
CT	320.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	21.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.3810	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	53.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	100.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	270.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL ACETATE (79-20-9)												
CT	12200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	14.5240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	15000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL ACETYLENE (74-99-7)												
CT	33000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	39.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	30000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL ACRYLATE (96-33-3)												
CT	700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	4.8000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.8330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL BROMIDE (74-83-9)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	47.6190	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	2.6000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	480.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL CHLORIDE (74-87-3)												
CT	2100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	74.1200	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
NV	2.5000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	2520.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	1750.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL CHLOROMETHYL ETHER (107-30-2)												
PA-PHIL.	0.0200	PPB	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
METHYL DEMETON (8022-00-2)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
METHYL FORMATE (107-31-3)												
CT	5000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL HYDRAZINE (60-34-4)												
NV	0.0080	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.2000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.8800	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
METHYL ISOAMYL KETONE (110-12-3)												
CT	4600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL ISOBUTYL CARBINOL (105-30-6)												
CT	2000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.3810	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1600.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL ISOCYANATE (624-83-9)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NY	0.1700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	1.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL ISOPROPYL KETONE (563-80-4)												
CT	14100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	16.7860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	11750.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL MERCAPTAN (74-94-1)												
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL METHACRYLATE (80-62-6)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	7.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	9.7420	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1367.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	6800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL N-AMYL KETONE (110-43-0)												
CT	4700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3900.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
METHYL PARATHION (298-00-0)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL SILICATE (681-84-5)												
CT	120.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL STYRENE (98-83-9)												
CT	4800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
METHYL VIOLOGEN TRIHYDRATE (1910-42-5)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYL-2-CYANOACRYLATE (137-05-3)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	130.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLAL (109-37-5)												
CT	62000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	73.8090	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	50000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLANILINE,N- (100-61-8)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0476	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLCYCLOHEXANE (108-87-2)												
CT	32000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	38.0950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	27000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLCYCLOHEXANOL (25639-42-3)												
CT	4700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.5950	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3900.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
METHYLCYCLOHEXANONE,O- (583-60-8)												
CT	4600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3900.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLCYCLOPENTADIENYL MANGANESE TRICARB (12108-13-3)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLENE BIS(4-CYCLOHEXYLISOCYANATE) (5124-30-1)												
NV	0.0030	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLENE CHLORIDE (75-09-2)												
CT	7000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	8700.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KS	55.5500	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	2.4000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	1750.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	8.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1200.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	8400.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
RI	0.2000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
SD	3500.0000	UG/M3	8HR	Y	Y	N	N	100.0000	N	N	N	N
VA	5800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METHYLENEDIANILINE,4,4'- (101-77-9)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	0.4000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
NV	0.0190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
METHYLPENTANONE,4-,2- (108-10-1)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
MA	280.0000	UG/M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
NC	30000.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	1.1900	PPM	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	680.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	4000.0000	UG/M3	8HR	Y	N	N	Y	50.0000	N	N	N	N
VA	3400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
METRIBUZIN (21087-64-9)												
CT	500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
MEVINPHOS (7786-34-7)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MINERAL DUSTS (CL-MINDUST)												
VA	160.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MIREX (2385-85-5)												
MA	0.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
PA-PHIL.	0.8800	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
MOLYBDENUM (7439-98-7)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
MONOCHLOROBENZENE (108-90-7)												
MA	6.3000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	1750.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	8.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1167.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	6000.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MONOCROTOPHOS (6923-22-4)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MONOETHANOLAMINE (141-43-5)												
CT	160.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	19.0480	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	26.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	130.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MONOETHYLAMINE (75-04-7)												
CT	360.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MONOISOPROPYLAMINE (75-31-0)												
CT	240.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	40.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
MONOMETHYLAMINE (74-89-5)												
CT	240.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	28.5710	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	40.0000	UG/M3	1YR.	Y	N	N	N	0.0000	N	N	N	N
VA	200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
MORPHOLINE (110-91-8)												
CT	350.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
NV	1.6667	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1150.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
N-ISOPROPYL ANILINE (643-28-7)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
N-METHYL PROPYL KETONE (107-87-9)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	16.6670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	11500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
N-NITROSODIMETHYLAMINE (62-75-9)												
KS	0.0018	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
NC	0.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	Y	N	N
PA-PHIL.	0.0004	PPB	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
N-NITROSOMORPHOLINE (59-89-2)												
KS	0.4000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NAPHTHA (8030-30-6)												
CT	27000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	225.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NAPHTHALENE (91-20-3)												
CT	1000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	14.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	1.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	166.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NAPHTHALENE DIISOCYNATE (39394-45-1)												
CT	0.8000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
NAPHTHYLAMINE,2- (91-59-8)												
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	19.0700	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NAPHTHYLTHIOUREA,1-,1-,2- (86-88-4)												
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NAVY FUELS JP-5 (8008-20-6)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NICKEL (7440-02-2)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
MA	0.0020	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	0.5000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	0.2400	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	10.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NICKEL CARBONYL (13463-39-3)												
CT	0.0350	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
NV	0.0080	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.1700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NICKEL OXIDE (1313-99-1)												
CT	0.3000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.0140	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NY	3.3700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
NICKEL POWDER (7440-02-0)												
KS	0.0303	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	0.0180	UG/M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
MT	0.7900	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.1300	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
RI	0.0020	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
NICKEL SUBSULFIDE (12035-72-2)												
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.1000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
NITRATES (CL-NITRATE)												
NV-L.VEGAS	20.0000	UG/M3	1-HR	N	N	N	N	0.0000	Y	N	N	Y

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
NITRIC ACID (7697-37-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	100.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	100.0000	UG/M3	8HR	Y	Y	Y	Y	50.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITRIC OXIDE (10102-43-9)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITROANILINE,P- (100-01-6)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	7.1430	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	6.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITROANISIDINE,5-,O- (99-59-2)												
RI	0.0800	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
NITROBENZENE (98-95-3)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	6.8000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	25.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NITRODIPHENYL,4- (92-93-3)												
NY	0.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	2.7700	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
VA	0.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NITROETHANE (79-24-3)												
CT	6200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	7.3810	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5200.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITROFEN (1836-75-5)												
PA-PHIL.	0.7500	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
NITROGEN DIOXIDE (10102-44-0)												
AZ-PIGICO	100.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	Y
CT	120.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
NITROGEN TRIFLUORIDE (7783-54-2)												
CT	580.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITROGLYCERINE (55-63-0)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NITROMETHANE (75-52-5)												
CT	5000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	4000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITROPROPANE,1- (108-03-2)												
CT	1800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	300.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1500.0000	G/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
NITROPROPANE,2- (79-46-9)												
CT	360.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	2.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	21.6700	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
RI	0.2000	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
NITROTOLUENE,P- (99-99-0)												
NY	36.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
NITROUS OXIDE (10024-97-2)												
CT	1340.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NON-METHANE HYDROCARBONS (CL-NMHC)												
AZ-PIGICO	160.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	Y
NONANE,N- (111-84-2)												
CT	21000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	25.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	17500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
O-CHLOROSTYRENE (2039-87-4)												
CT	5700.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	4800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
OCTACHLORONAPTHALENE (2234-13-1)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OCTANE (111-65-9)												
CT	7000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	34.5240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	24000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OIL MIST, MINERAL (8012-95-1)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	17.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OLEIC ACID METHYL ESTER (112-62-9)												
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ORGANIC COMPOUNDS (CL-ORGANIC)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OSMIUM TETROXIDE (20816-12-0)												
CT	0.0400	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0001	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OXALIC ACID (ANHYDROUS) (144-62-7)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OXYGEN DIFLUORIDE (7783-41-7)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
OZONE (10028-15-6)												
CT	235.0000	UG/M3	1HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
P-QUINONE (106-51-4)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	7.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
P-TERT-BUTYL TOLUENE (98-51-1)												
NV	1.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PARAFFIN WAX FUME (8002-74-2)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PARATHION (56-38-2)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	0.2380	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	1.8700	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PARTICULATE MATTER (CL-PM)												
AZ-PIGICO	75.0000	UG/M3	24HRS	N	N	N	N	0.0000	N	N	N	Y
	150.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	
PENTABORANE (19624-22-7)												
CT	0.2000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0002	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.1600	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
PENTACHLORONAPHTHALENE (1321-64-8)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PENTACHLORONITROBENZENE (82-68-8)												
PA-PHIL.	2.4700	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
PENTACHLOROPHENOL (87-86-5)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
KS	25.6400	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	0.0340	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	2.5000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	12.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
SD	10.0000	UG/M3	8HR	Y	Y	Y	N	100.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PENTAERYTHRITOL (115-77-5)												
CT	300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
PENTANE (109-66-0)												
CT	7000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	42.8570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	30000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PERCHLOROMETHYL MERCAPTAN (594-42-3)												
CT	16.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	13.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PERCHLORYL FLUORIDE (7616-94-6)												
CT	270.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	230.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENAMIPHOS (22224-92-6)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENOL (108-95-2)												
CT	380.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	95.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KS	45.2380	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	52.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	95.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.4520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	10.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	456.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
SD	380.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	315.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENOTHIAZINE (92-84-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENYL GLYCIDYL ETHER (122-60-1)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENYL PHOSPHINE (638-21-1)												
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENYLBENZENAMINE,N- (122-39-4)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.6800	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
PHENYLBENZENAMINE,N- (122-39-4)												
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
RI	200.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENYLENEDIAMINE,P- (106-50-3)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHENYLHYDRAZINE (100-63-0)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	66.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	200.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
PHENYLNAPHTHYLAMINE,N-,2- (135-88-6)												
PA-PHIL.	45.0000	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
PHORATE (298-02-2)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHOSGENE (75-44-5)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	2.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	7.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHOSPHINE (7803-51-2)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	100.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	6.7000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHOSPHORIC ACID (7664-38-2)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	1.4000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
PHOSPHOROUS (YELLOW) (7723-14-0)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHOSPHOROUS OXYCHLORIDE (10025-87-3)												
CT	12.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PHOSPHOROUS PENTACHLORIDE (10026-13-8)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHOSPHOROUS PENTASULFIDE (1314-80-3)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHOSPHOROUS TRICHLORIDE (7719-12-2)												
CT	30.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PHOTO CHEMICAL OXIDANTS (CL-PCO)												
AZ-PIGICO	235.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	Y
PHTHALIC ANHYDRIDE (85-44-9)												
CT	120.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.8200	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PHTHALODINITRILE,M- (626-17-5)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PICLORAM (1918-02-1)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PICRIC ACID (88-89-1)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
PIPERAZINE DIHYDROCHLORIDE (142-64-3)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PIVALYLINDANDIONE,2-,1,3- (83-26-1)												
	10.0000	UG/M3	8HR.	Y	N	N	N	10.0000	N	N	N	
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
PLATINUM (7440-06-4)												
CT	0.0400	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0001	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	330.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
POLYCHLORINATED BIPHENYL (AROCLOR 1242) (53469-21-9)												
CT	0.0100	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NC	100.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.0240	MG/M3		Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	0.1800	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
POLYCHLORINATED BIPHENYLS (1336-36-3)												
KS	0.0083	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	0.0081	UG/M3	24-HR	N	N	N	N	0.0000	N	N	N	N
NY	1.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
POLYCYCLIC ORGANIC MATTER (CL-POM)												
VA	7.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
POTASSIUM CYANIDE (151-50-8)												
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	17.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
POTASSIUM HYDROXIDE (1310-58-3)												
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPANE SULTONE (1120-71-4)												
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
PROPANETHIOL (75-33-2)												
CT	36000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
PROPARGYL ALCOHOL (107-19-7)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	30.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPIOLACTONE,B- (57-57-8)												
CT	7.5000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	5.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	15.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
PROPIONIC ACID (79-09-4)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPIONITRILE (107-12-0)												
CT	280.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
PROPYL ALCOHOL (71-23-8)												
CT	10000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	670.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	11.9050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPYLACETATE,N- (109-60-4)												
CT	16800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	20.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	14000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPYLENE GLYCOL DINITRATE (6423-43-4)												
CT	6.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0070	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPYLENE GLYCOL MONOMETHYL ETHER (107-98-2)												
CT	7200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	6000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PROPYLENE OXIDE (75-56-9)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
KS	0.0833	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	15.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	1.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	167.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	625.0000	UG/M3	1YR.	N	N	N	N	420.0000	N	N	Y	N
VA	850.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
PROPYLENEIMINE (75-55-8)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	12.0000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
PROPYLENEOXIDE,1,3- (503-30-0)												
IN	1200.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
PROPYLNITRATE,N- (627-13-4)												
CT	2100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.5000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1750.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PYRETHRIN (121-29-9)												
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PYRETHRUM (8003-34-7)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
PYRIDINE (110-86-1)												
CT	300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	150.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KS	35.7140	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.3570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	2.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	250.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
RADIATION (CL-RAD)												
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
RESORCINOL (108-46-3)												
CT	900.0000	UG/M3	3HR.	Y	Y	Y	Y	0.0000	N	N	N	Y
MA	3.1000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	1.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	900.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	750.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
RHODIUM METAL, FUME AND DUST, AS RH (7440-16-6)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.1600	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
RONNEL (299-84-3)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ROTENONE (83-79-4)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	80.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
SELENIUM COMPOUNDS, AS SE (7782-49-2)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.2700	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
MT	1.5700	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.2600	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6600	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SELENIUM DISULFIDE (7788-56-4)												
NV	0.0050	MG/M3	1YR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.6600	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SELENIUM HEXAFLUORIDE, AS SE (7783-79-1)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SELENIUM SULFIDE (7446-34-6)												
MA	0.5000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
SESONE (136-78-7)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SILANE (7803-62-5)												
CT	140.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SILVER (7440-22-4)												
CT	0.2000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MT	0.0800	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.0100	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
NV	0.0002	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
SODIUM AZIDE (26628-22-8)												
NV	0.0007	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SODIUM BISULFATE (7631-90-5)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	1YR.	Y	Y	N	N	42.0000	Y	Y	Y	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SODIUM HYDROXIDE (1310-73-2)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
SD	40.0000	UG/M3	8HR	Y	Y	N	N	50.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SODIUM METABISULFATE (7681-57-4)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
STODDARD SOLVENT (8052-41-3)												
CT	7000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	12.5000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
STRIBINE (7803-52-3)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
STROBANE (61789-48-2)												
PA-PHIL.	7.7700	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
STRYCHNINE (57-24-9)												
CT	3.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0040	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
STYRENE (100-42-5)												
CT	4300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	3.4483	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	N
KS	34.4800	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	39.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	42500.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	5.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	716.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	30.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
VA	3600.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
SUBTILISINS (1395-21-7)												
NV	0.0001	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SUCCINONITRILE (110-61-2)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
SUCROSE (57-50-1)												
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SULFATES (CL-SULFATE)												
NV-L.VEGAS	20.0000	UG/M3	1-HR	N	N	N	N	0.0000	Y	N	N	Y
SULFUR DIOXIDE (7446-09-5)												
AZ-PIGICO	80.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	N	Y
	365.0000	UG/M3	24HOUR	N	N	N	N	0.0000	N	N	N	
	1300.0000	UG/M3	3HOUR	N	N	N	N	0.0000	N	N	N	
CT	860.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
TN-CHAT.	1.2000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SULFUR HEXAFLUORIDE (2551-62-4)												
CT	0.1200	G/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	142.8570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	MG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SULFUR MONOCHLORIDE (10025-67-9)												
CT	120.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SULFUR PENTAFLUORIDE (5714-22-7)												
CT	5.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0060	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SULFUR TETRAFLUORIDE (7783-60-0)												
CT	8.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0100	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SULFURIC ACID (7664-93-9)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	2.3810	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	14.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
SULFURYL FLUORIDE (2699-79-8)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
SULPROFOS (35400-43-2)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TANTALUM (7440-25-7)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TELLERIUM AND COMPOUNDS, AS TE (13494-80-9)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TELLERIUM HEXAFLUORIDE, AS TE (7783-80-4)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TEMEPHOS (3383-96-8)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TEPP (107-49-3)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	10000.0000	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TEREPHTHALIC ACID (100-21-0)												
KS	555.5600	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
TERPHENYLS (92-94-4)												
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	40.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TERT-BUTYL ALCOHOL (75-65-1)												
NV	7.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P- (1746-01-6)												
IN	450.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	1.1000	PG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P- (1746-01-6)												
NC	0.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	Y	N	N
PA-PHIL.	0.0001	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
VA	3.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRACHLORODIFLUOROETHANE,1,1,1,2-,2,2- (76-11-9)												
CT	83400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	99.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	70000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRACHLORODIFLUOROETHANE,1,1,2,2-,1,2- (76-12-0)												
CT	83400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	570.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	99.2860	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	70000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRACHLOROETHANE,1,1,2,2- (79-34-5)												
CT	34.4000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	16.6670	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	1.2000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	35.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.1670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	23.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	168.0700	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	120.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRACHLOROETHYLENE (127-18-4)												
IN	3350.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KS	5.8820	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	0.1800	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	134.0000	MG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	7.9760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1116.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	8040.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
RI	0.0500	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
SD	3350.0000	UG/M3	8HR	Y	Y	N	N	100.0000	N	N	N	N
VA	5600.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRACHLORONAPTHALENE (1335-88-2)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRAETHYL DITHIOPYROPHOSPHATE (3689-24-5)												
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
TETRAETHYL LEAD (78-00-2)												
CT	1.5000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRAETHYLTHIURAM DISULFIDE (97-77-8)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	35.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRAHYDROFURAN (109-99-9)												
CT	11800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	80.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	73500.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	14.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	11800.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	9800.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRAMETHYL LEAD (75-74-1)												
CT	1.5000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0040	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRAMETHYLSUCCINONITRILE (3333-52-6)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	50.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRANITROMETHANE (509-14-8)												
CT	160.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1900	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	130.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRASODIUM PYROPHOSPHATE (7722-88-5)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TETRYLTRINITROPHENYLMETHYLNITRAMINE,2,4, (479-45-8)												
CT	30.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0360	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	25.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
THALLIUM (I) SULFATE (7446-18-6)												
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
THALLIUM OXIDE (1314-32-5)												
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
THALLIUM, SOLUBLE COMPOUNDS, AS TL (7440-28-0)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.3300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	2.4700	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
THIOBUTYLCRESOL,4,4'-,BIS,6-TERT,M- (96-69-5)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
THIOGLYCOLIC ACID (68-11-1)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
THIRAM (137-26-8)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TIN, AS SN (7440-31-5)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TITANIUM DIOXIDE (13463-67-7)												
CT	300.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	17.8600	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MT	0.7900	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	0.1300	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TOLUENE (108-88-3)												
AZ	1.0000	PPM	1HR	Y	N	N	Y	100.0000	Y	Y	Y	Y
CT	7500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	1875.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	51.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	56000.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	8.9290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	7500.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	2000.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
SD	7500.0000	UG/M3	8HR	Y	Y	N	Y	50.0000	N	N	N	N
VA	6000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
TOLUENE DIISOCYANATE (26471-62-5)												
MA	0.4800	UG.M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
SD	0.7200	UG/M3	8HR	Y	N	N	Y	50.0000	N	N	N	N
TOLUENE,2&4,DIISOCYANATE (584-84-9)												
CT	0.7200	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NC	15.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	0.0009	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.1300	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	0.2000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	0.7000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TOLUIDINE,O- (95-53-4)												
CT	45.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
MA	1.7500	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.1400	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	30.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	0.0400	UG/M3	ANNUAL	N	N	N	N	0.0000	Y	N	N	Y
VA	90.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TOLUIDINE,P- (106-49-0)												
CT	90.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
VA	90.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
TOXAPHENE (8001-35-2)												
CT	2.5000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
KS	1.1900	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1.6700	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	1.2000	UG/M3	1YR.	Y	N	N	N	420.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIBUTYL PHOSPHATE (126-73-8)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0590	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	40.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROACETIC ACID (76-03-9)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROBENZENE,1,2,4- (120-82-1)												
CT	800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	133.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	350.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
TRICHLOROETHANE,1,1,1- (71-55-6)												
CT	38000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	19000.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	1300.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	9500.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	45.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	38000.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	38000.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
VA	32000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROETHANE,1,1,2- (79-00-5)												
CT	225.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IN	225.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KS	107.1430	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
MA	0.9900	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	1.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	150.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	6.0000	PPB	1YR.	Y	N	N	N	42.0000	N	N	N	N
RI	7.0000	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
VA	900.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROETHYLENE (79-01-6)												
AZ	0.0500	PPB	70YRS	N	N	N	N	0.0000	Y	Y	Y	Y
CT	1350.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IN	2675.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
KS	2.4390	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	6.1000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	108.0000	MG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	6.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	900.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	6840.0000	UG/M3	1YR.	Y	N	N	N	42.0000	N	N	N	N
SD	2700.0000	UG/M3	8HR	Y	Y	N	N	100.0000	N	N	N	N
VA	4500.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLORONAPHTHALENE (1321-65-9)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	80.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROPHENOL,2,4,5- (95-95-4)												
MA	1.6000	UG/M3	24HRS.	N	N	N	N	0.0000	N	N	N	N
PA-PHIL.	3500.0000	UG/M3	1YR.	N	N	N	N	100.0000	N	N	Y	N
TRICHLOROPHENOL,2,4,6- (88-06-2)												
MA	0.0000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
TRICHLOROPHENOXYACETICACID,2,4,5- (93-76-5)												
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	1.0000	UG/M3	1YR.	N	N	N	N	10.0000	N	Y	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROPROPANE,1,2,3- (96-18-4)												
CT	6000.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	7.1430	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5000.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRICHLOROTRIFLUOROMETHANE,1,1,2- (76-13-1)												
CT	0.0000			Y	Y	Y	Y	50.0000	N	N	N	Y
IN	225.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
NC	950.0000	MG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	180.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	25000.0000	MG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIETHYLAMINE (121-44-8)												
CT	800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	5.6000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
RI	300.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
VA	660.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIFLUORMONOBROMOMETHANE (75-63-8)												
CT	0.1220	G/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	145.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	100.0000	MG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIFLURALIN (1582-09-8)												
PA-PHIL.	1150.0000	UG/M3	1YR.	N	N	N	N	1000.0000	N	N	Y	N
TRIMELLITIC ANHYDRIDE (552-30-7)												
CT	0.8000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.7000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIMETHYL PHOSPHITE (121-45-9)												
CT	200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIMETHYLAMINE (75-50-3)												
CT	480.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
KS	57.1430	UG/M3	ANNUAL	Y	Y	N	N	420.0000	N	N	N	Y
NV	0.9520	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	400.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
TRIMETHYLBENZENE (25551-13-7)												
CT	2500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	2.9760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2100.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRINITROTOLUENE,2,4,6- (118-96-7)												
CT	10.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0120	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIORTHOCRESYL PHOSPHATE (73-30-8)												
CT	2.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	160.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TRIPHENYL PHOSPHATE (115-86-6)												
CT	60.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0710	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	1.6000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
TRIPHENYLAMINE (603-34-9)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
VA	8.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TUNGSTEN AND COMPOUNDS, AS W (7440-33-7)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
TURPENTINE (8006-64-2)												
CT	11200.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	13.3330	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	11200.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	9300.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
URANIUM (7440-61-1)												
CT	4.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0050	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	3.5000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
VALERALDEHYDE (110-62-3)												
CT	3500.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	4.1670	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	2900.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
VANADIUM (1314-02-1)												
CT	1.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	0.1400	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VANADIUM PENTOXIDE (1314-62-1)												
MA	0.1400	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
VAPONA (62-73-7)												
NV	0.2380	PPB	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	16.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
VINYL ACETATE (108-05-4)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
MA	9.6000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NV	0.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	5.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
VINYL BROMIDE (593-60-2)												
CT	44.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	66.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	48.0700	UG/M3	1YR.	N	N	N	N	4200.0000	N	N	Y	N
VA	2.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
VINYL CHLORIDE (75-01-4)												
CT	50.0000	UG/M3	8HR.	Y	Y	Y	Y	200.0000	N	N	N	Y
IL	0.0000			N	N	N	N	0.0000	N	N	Y	N
KS	3.8460	UG/M3	ANNUAL	N	N	N	N	0.0000	N	N	Y	Y
MA	3.9000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	50.0000	UG/M3	24HR.	Y	Y	N	N	200.0000	N	N	N	N
NV	0.2380	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	0.4000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
PA-PHIL.	2.5700	PPB	1YR.	Y	N	N	N	420.0000	N	N	N	N
SD	50.0000	UG/M3	8HR	Y	Y	N	N	200.0000	N	N	N	N
VA	1.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N
VINYL TOLUENE (25013-15-4)												
CT	4800.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	5.7140	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	40.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
VINYLCYCLOHEXENEDIOXIDE,1-,3- (106-87-6)												
CT	600.0000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	1.4290	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
PA-PHIL.	24.0000	PPB	1YR.	Y	N	N	N	42.0000	N	N	N	N
VA	6.0000	UG/M3	24HR.	Y	Y	N	N	100.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

POLLUTANT NAME (CAS #) / AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
XYLENE (1330-20-7)												
CO-ELPASO	0.0000			N	N	N	N	0.0000	N	N	N	Y
CT	8680.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
IN	2175.0000	UG/M3	8HR.	Y	Y	N	N	200.0000	N	N	N	N
MA	59.2000	UG/M3	24HR.	N	N	N	N	0.0000	N	N	N	N
NC	65500.0000	UG/M3	15MIN.	Y	Y	N	N	10.0000	N	N	N	N
NV	10.3570	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	1450.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
RI	700.0000	UG/M3	24HOUR	N	N	N	N	0.0000	Y	N	N	Y
SD	8700.0000	UG/M3	8HR	Y	Y	Y	N	50.0000	N	N	N	N
XYLENE,M- (108-38-3)												
VA	73.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
XYLENE,O- (95-47-6)												
NY	1450.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	73.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
XYLENE,P- (106-42-3)												
VA	73.0000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
XYLENEDIAMINE,M-,A,A'- (1477-55-0)												
NV	0.0020	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	33.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	0.0080	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
YTTRIUM (7440-65-5)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.1600	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ZINC (7440-66-6)												
MT	39.2900	UG/M3	24-HR	N	N	N	N	128.0000	N	N	Y	Y
	6.5500	UG/M3	ANNUAL	N	N	N	N	714.0000	N	N	Y	
ZINC BROMIDE (7699-45-8)												
NY	3.0000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
ZINC CHLORIDE, FUME (7646-85-7)												
CT	20.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0240	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	3.3000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
SD	10.0000	UG/M3	8HR	Y	Y	Y	N	100.0000	N	N	N	N
VA	0.1600	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N

TABLE 7. ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

AGENCY	CONC	UNIT	AVG. TIME	OEL BASED	SOURCE ACGIH	SOURCE OSHA	SOURCE NIOSH	UNCERTAINTY FACTOR	OTHER BASES RESEARCH	OTHER BASES ADOPTED	OTHER BASES OTHER	COMMENTS
POLLUTANT NAME (CAS #)												
ZINC CHROMATE, AS CR (13530-65-9)												
CT	0.5000	UG/M3	8HR.	Y	Y	Y	Y	100.0000	N	N	N	Y
NV	0.0010	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.0080	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ZINC OXIDE, FUME (1314-13-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
NY	16.7000	UG/M3	1YR.	N	N	N	N	0.0000	N	N	Y	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
ZIRCONIUM COMPOUNDS, AS ZR (7440-67-2)												
CT	100.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.1190	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
VA	0.8000	UG/M3	24HR.	Y	Y	N	N	60.0000	N	N	N	N
2-AMINOPYRIDENE (509-29-0)												
CT	40.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.0480	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N
2-HEXANONE (25683-00-5)												
CT	400.0000	UG/M3	8HR.	Y	Y	Y	Y	50.0000	N	N	N	Y
NV	0.4760	MG/M3	8HR.	Y	Y	N	N	42.0000	N	N	N	N

TABLE 8. COMMENTS ON ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

	COMMENTS
AZ	USED EPA'S HEALTH ASSESSMENT DOCUMENTS TO SET A LIMIT, BASED ON A ONE IN A MILLION RISK OF CANCER, FOR AN AIR STRIPPER TO BE USED TO REMOVE TCE FROM GROUND WATER.
AZ-PIGICO	ABOVE ARE OUR AMBIENT AIR STANDARDS WHICH MAY OR NOT BE TOXIC, DEPENDING ON CONCENTRATION.
CO-ELPASO	ANY CONCENTRATION OF THESE 2 POLLUTANTS WILL REQUIRE EMISSION PERMITS TO BE ISSUED BY THE COLORADO DEPARTMENT OF HEALTH. RECORDS ARE KEPT BY THIS AGENCY OF THESE SOURCES.
CT	MOST STRINGENT OCCUPATIONAL EXPOSURE LEVEL IS USED.
FL	NONE YET ESTABLISHED.
KS-T/S	INITIALLY WE WILL USE TLV/SAFETY FACTORS AND WILL TRY TO USE OTHER AGENCIES LIMITS WHEN APPLICABLE AND AVAILABLE.
KS	UNIT RISK - 4.1 E-07 & 10-6 ACCEPATABLE RISK
MT	MONTANA HAS FORMALLY ADOPTED AMBIENT STANDARDS FOR FLUORIDES AND HYDROGEN SULFIDE. FOR ALL OTHER NONCRITERIA POLLUTANTS, MONTANA USES GUIDELINES BASED ON TLV/42, TLV/128, OR TLV/714 FOR 1-HOUR, 24-HOUR AND ANNUAL CONCENTRATIONS, RESPECTIVELY.
NV-L.VEGAS	(1) BASED ON DETECTION LIMITS OF ANALYTICAL METHODS.
OH-DAYTON	WE USE THE STANDARD TLV SOURCES (ACGIH, ETC) TO COMPLETE THE FOLLOWING: M.A.G.L.C. = (TLV/10)*(8/X)*(5/Y) WHERE: 8 HOUR TLV, X=HOURS/DAY, Y=DAYS/WEEK
OH-NOVAA	ACCEPTABLE AMBIENT CONCENTRATIONS ARE NOT ESTABLISHED.
PA	ENFORCEMENT OF NESHAP REGULATIONS HAS BEEN DELEGATED TO PA BY EPA. PHILADELPHIA, PA GUIDELINE CONCENTRATIONS DEVELOPED FOR ABOUT 99 TOXIC AIR CONTAMINANTS ARE USED BY PA PRIMARILY IN PERMIT APPLICATION WORK.

TABLE 8. COMMENTS ON ACCEPTABLE AMBIENT CONCENTRATION GUIDELINES OR STANDARDS

	COMMENTS
RI	ANNUAL AALS FOR LISTED CARCINOGENS (CLASSES A AND B) WITH CAG RISK VALUES WERE DERIVED BY USING 10-6 RISK CONCENTRATIONS FROM CAG MODELLING. OTHER LISTED CARCINOGENS IN THE ABOVE CLASSES WERE ASSIGNED AALS DERIVED FROM SIMILAR MODELLING DONE BY OUR AGENCY. VALUES FOR TRICHLOROETHYLENE AND PERCHLOROETHYLENE ARE FROM NESCAUM RISK ASSESSMENTS. SOURCES WITH LAER ARE ALLOWED CONCENTRATIONS 10 TIMES THE ABOVE VALUES FOR CARCNOGENS-CORRESPONDING TO A 10-5 RISK. ALL SUBSTANCES WERE ALSO EVALUATED FOR OTHER EFFECTS AND AALS WERE DERIVED USING SAFETY FACTORS APPLIED TO LOAELS OR NOAELS WITH AVERAG-
WA-PUGET	WE PLAN TO INCORPORATE AAC'S ADOPTED BY THE STATE OF WASHINGTON DEPARTMENT OF ECOLOGY INTO OUR PERMIT REVIEW PROCESS ONCE THESE GUIDELINES ARE ADOPTED.
WA-OLYMPIA	FORMALDEHYDE 0.05 PPM CEILING VALUE; 0.05 PPM (VOL); 63 UG/M3 20 DEG C; 61 UG/M3 25 DEG C
WA-SWEST	ALL CHEMICALS WITH TLV'S ARE EVALUATED FOR ESTABLISHING ACCEPTABLE AMBIENT CONCENTRATIONS. IF ACGIH, OSHA OR NIOSH HAVE DIFFERING VALUES , THEN POLLUTANT SPECIFIC EVALUATION IS PERFORMED BY AGENCY STAFF. SHORT-TERM STANDARDS TAKE PRECEDANCE. A SAFETY FACTOR OF 1/420 IS USED.

SECTION 5

POLLUTANT RESEARCH

A number of States and localities actively sponsor or participate in pollutant research. Table 9 summarizes pollutant research reported to the Clearinghouse by State and local agencies by pollutant and CAS number, type of research (i.e., health assessment, source assessment, exposure assessment, toxicity testing, epidemiologic study, monitoring study, emission factor development, and risk assessment), and the availability of supporting documentation. The type of research is indicated in the table using the abbreviations below.

HA	Health Assessment
SA	Source Assessment
EA	Exposure Assessment
TT	Toxicity Testing
ES	Epidemiologic Study
MS	Monitoring Study
EF	Emission Factor Development
RA	Risk Assessment
Other	Other Research

"DOC?" refers to the availability of supporting documentation.

As in Table 7 on acceptable ambient concentration guidelines or standards, Table 9 indicates whether or not an agency has submitted comments on their pollutant research. All comments are provided in Table 10. A "Y" in the comments column in Table 9 indicates only that the agency has submitted comments on their pollutant research. The comments do not necessarily refer to any specific pollutant.

The reader should address any questions or requests for additional information about pollutant research to the regulatory program contacts identified in Table 2 in Section 2.

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?	COMMENTS
ACETALDEHYDE	75-07-0	MA	X									Y	N
ACETONE	67-64-1	MA	X									Y	N
ACRYLONITRILE	107-13-1	LA		X	X				X	X		N	N
		MA	X									Y	N
		OH		X	X				X	X		Y	N
		TX	X	X	X								Y
AMMONIA	7664-41-7	MA	X									Y	N
		NV-L.VEGAS		X				X				N	N
ANILINE	62-53-3	MA	X									Y	N
AROCLOR 1254	11097-69-1	CA-SCAQMD	X	X	X	X		X					N
		TX	X	X	X			X					Y
ARSENIC AND COMPOUNDS AS AS	7440-38-2	CA-BAAQMD			X							N	N
		IN-INNAP		X					X	X		Y	N
		NV-L.VEGAS								X			N
		OH		X	X				X	X		Y	N
		RI		X								Y	N
		TX	X	X	X			X					Y
ASBESTOS	1332-21-4	CA			X					X		Y	N
		MA	X									Y	N
		MN		X								N	N
		NV-L.VEGAS			X								N
BENZENE	71-43-2	CA			X					X		Y	N
		CA-BAAQMD		X	X					X		Y	N
		MA	X									Y	N
		NV-L.VEGAS						X		X			N
		TX	X	X	X			X					Y
BENZO(A)PYRENE	50-32-8	MN		X								N	N
		NJ			X							N	N
		NV-L.VEGAS								X			N
		TX	X	X	X			X					Y
BENZO(E)PYRENE	192-97-2	TX	X	X	X			X					Y
BENZYL CHLORIDE	100-44-7	MA	X									Y	N
BERYLLIUM	7440-41-7	IN-INNAP		X					X	X		Y	N
		MA	X									Y	N
BIPHENYL	92-52-4	MA	X									Y	N
BUTADIENE,1,3-	106-99-0	MA	X									Y	N

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?	COMMENTS
BUTYL ALCOHOL	71-36-3	MA	X									Y	N
CADMIUM	7440-43-9	CA			X					X		Y	N
		CA-BAAQMD			X							N	N
		IN-INNAP		X					X	X		Y	N
		MA	X									Y	N
		NV-L.VEGAS								X			N
		RI		X								Y	N
CALCIUM CHROMATE, ANHYDROUS	13765-19-0	MA	X									Y	N
CAPTAN	133-06-2	IA		X								N	N
CARBON TETRACHLORIDE	56-23-5	CA-BAAQMD			X							N	N
		MA	X									Y	N
		NV-L.VEGAS		X						X			N
CHLORDANE	57-74-9	MA	X									Y	N
CHLORINE	7782-50-5	MA	X									Y	N
		NV-L.VEGAS		X				X					N
CHLOROBUTADIENE,2-,1,3-	126-99-8	MA	X									Y	N
CHLOROETHANE	75-00-3	MA	X									Y	N
CHLOROFORM	67-66-3	CA-BAAQMD			X							N	N
		MA	X									Y	N
CHLOROMETHYLPROPENE,3-,2-	563-47-3	MD								X		Y	N
CHLOROPHENOL,M-	108-43-0	MA	X									Y	N
CHLOROPHENOL,P-	106-48-9	MA	X									Y	N
CHROMIUM	7440-47-3	CA			X					X		Y	N
		CA-BAAQMD			X							N	N
		IN-INNAP		X					X	X		Y	N
		MA	X									Y	N
		NV-L.VEGAS								X			N
		RI		X								Y	N
CHRYSENE	218-01-9	TX	X	X	X			X					Y
CORONENE	191-07-1	TX	X	X	X			X					Y
CRESOL,P-	106-44-5	MA	X									Y	N

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?		COMMENTS
CYCLOHEXANE	110-82-7	MA	X									Y	N	
DICHLOROBENZENE,1,2-	95-50-1	MA	X									Y	N	
DICHLOROBENZENE,1,4-	106-46-7	MA	X									Y	N	
DICHLOROETHYLENE,1,2-,CIS-TRANS-	540-59-0	MA	X									Y	N	
DICHLOROPROPANE,1,2-	78-87-5	MA	X									Y	N	
DIETHYLAMINE	109-89-7	MA	X									Y	N	
DIMETHYL SULFOXIDE	67-68-5	MA	X									Y	N	
DIMETHYLFORMAMIDE,N,N-	68-12-2	MA	X									Y	N	
DIMETHYLVINYL CHLORIDE	513-37-1	MD								X		Y	N	
DIOXANE,1,4-	123-91-1	CA-BAAQMD			X							N	N	
		MA	X									Y	N	
DIOXINS	CL-DIOXIN	MA								X		Y	N	
EPICHLOROHYDRIN	106-89-8	MA	X									Y	N	
		TX	X	X	X								Y	
ETHYL ACETATE	141-78-6	MA	X									Y	N	
ETHYL ACRYLATE (INHIBITED)	140-88-5	MA	X									Y	N	
ETHYL BENZENE	100-41-4	MA	X									Y	N	
ETHYL ETHER	60-29-7	MA	X									Y	N	
ETHYLENE	74-85-1	MA	X									Y	N	
		NV-L.VEGAS								X			N	
ETHYLENE DIBROMIDE	106-93-4	CA			X					X		Y	N	
		CA-BAAQMD			X							N	N	
ETHYLENE DICHLORIDE	107-06-2	CA			X					X		Y	N	
		MA	X									Y	N	
ETHYLENE GLYCOL	107-21-1	MA	X									Y	N	
ETHYLENE OXIDE	75-21-8	CA-BAAQMD			X				X			N	N	
		CA-SCAQMD	X	X	X	X	X	X	X	X			N	
		TX	X	X	X								Y	

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?	COMMENTS
ETHYLHEXYLPHTHALATE,BIS,2-	117-81-7	MA	X									Y	N
FLUORIDES	16984-48-8	MA	X									Y	N
FORMALDEHYDE	50-00-0	CA-BAAQMD			X							N	N
		MA	X									Y	N
		NC-FORCO						X				Y	N
		NV-L.VEGAS								X			N
		TX	X	X	X			X					Y
GAMMA-HEXACHLORO-CYCLOHEXANE	58-89-9	MA	X									Y	N
HEPTACHLOR	76-44-8	MA	X									Y	N
HEXACHLOROCYCLOPENTADIENE	77-47-4	MA	X									Y	N
HEXACHLORODIBENZODIOXIN,1,2,3,6,7,8-	34465-46-8	IN-INNAP		X					X	X		Y	N
HEXACHLOROETHANE	67-72-1	MA	X									Y	N
HEXACHLOROPHENE	70-30-4	MA	X									Y	N
HEXANONE,2-	591-78-6	MA	X									Y	N
HYDRAZINE	302-01-2	MA	X									Y	N
HYDROGEN CHLORIDE	7647-01-0	IA		X								N	N
HYDROGEN FLUORIDE	7664-39-3	MA	X									Y	N
HYDROGEN SULFIDE	7783-06-4	IA		X								N	N
		MA	X									Y	N
ISOAMYL ACETATE	123-92-2	MA	X									Y	N
ISOBUTYL ACETATE	110-19-0	MA	X									Y	N
ISOBUTYL ALCOHOL	78-83-1	MA	X									Y	N
ISOPROPYL ACETATE	108-21-4	MA	X									Y	N
LEAD ACETATE	1335-32-6	MA	X									Y	N
LEAD POWDER	7439-92-1	IN-INNAP		X								Y	N
		MA	X									Y	N
		TX	X	X	X			X					Y
MALEIC ANHYDRIDE	108-31-6	MA	X									Y	N
MERCURY	7439-97-6	IN-INNAP		X								Y	N

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?	COMMENTS
METALLIC COMPOUNDS	CL-METAL	FL-JACKSON		X	X								N
		TN-CHAT.						X					N
METHOXYETHANOL,2-	109-86-4	MA	X									Y	N
METHYL ACRYLATE	96-33-3	MA	X									Y	N
METHYL BROMIDE	74-83-9	MA	X									Y	N
METHYL METHACRYLATE	80-62-6	MA	X									Y	N
METHYLENE CHLORIDE	75-09-2	CA-BAAQMD			X							N	N
		MA	X									Y	N
		RI		X								Y	N
MIREX	2385-85-5	MA	X									Y	N
MONOCHLOROBENZENE	108-90-7	MA	X									Y	N
NAPHTHALENE	91-20-3	MA	X									Y	N
NICKEL	7440-02-2	IN-INNAP		X					X			Y	N
		MA	X									Y	N
		NV-L.VEGAS								X			N
		RI		X								Y	N
NICKEL OXIDE	1313-99-1	MA	X									Y	N
NITROBENZENE	98-95-3	MA	X									Y	N
ORGANIC COMPOUNDS	CL-ORGANIC	CA-SCAQMD		X	X			X		X			N
		TN-CHAT.						X					N
PARTICULATE MATTER	CL-PM	CA-BAAQMD											N
		FL-JACKSON		X	X								N
		NV-L.VEGAS						X		X			N
PENTACHLOROPHENOL	87-86-5	MA	X									Y	N
PEROXYACETYLNITRATE	2278-22-0	NV-L.VEGAS						X		X			N
PHENOL	108-95-2	CA-BAAQMD			X							N	N
		MA	X									Y	N
PHENYLBENZENAMINE,N-	122-39-4	MA	X									Y	N
PHTHALIC ANHYDRIDE	85-44-9	MA	X									Y	N
POLYCHLORINATED BIPHENYLS	1336-36-3	MA	X									Y	N

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?	COMMENTS
POLYCYCLIC AROMATIC COMPOUNDS	CL-PAH	FL-JACKSON		X	X								N
POLYCYCLIC ORGANIC MATTER	CL-POM	CA-BAAQMD			X			X				N	N
PROPYL ALCOHOL	71-23-8	MA	X									Y	N
PROPYLENE OXIDE	75-56-9	MA	X									Y	N
PYRENE	129-00-0	TX		X	X	X		X					Y
RESORCINOL	108-46-3	MA	X									Y	N
SELENIUM COMPOUNDS, AS SE	7782-49-2	MA	X									Y	N
SELENIUM SULFIDE	7446-34-6	MA	X									Y	N
STYRENE	100-42-5	MA	X									Y	N
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P-	1746-01-6	CA			X					X		Y	N
		CT	X							X	X	Y	Y
		IN-INNAP		X					X	X		Y	N
TETRACHLORODIFLUOROETHANE,1,1,2,2-,1,2-	76-12-0	MA	X									Y	N
TETRACHLOROETHANE	25322-20-7	MA	X									Y	N
TETRACHLOROETHANE,1,1,2,2-	79-34-5	MA	X									Y	N
TETRACHLOROETHYLENE	127-18-4	CA-BAAQMD			X							N	N
		CT	X							X	X	Y	Y
		MA	X									Y	N
		NV-L.VEGAS		X						X			N
		RI		X								Y	N
TETRAHYDROFURAN	109-99-9	MA	X									Y	N
TETRAHYDROPTHALIMIDE	27813-21-4	IA		X								N	N
THIOPHOSGENE	463-71-8	IA		X								N	N
TOLUENE	108-88-3	MA	X									Y	N
		NV-L.VEGAS						X		X			N
TRICHLOROETHANE,1,1,1-	71-55-6	MA	X									Y	N
		RI		X								Y	N
TRICHLOROETHANE,1,1,2-	79-00-5	MA	X									Y	N
TRICHLOROETHYLENE	79-01-6	CA-BAAQMD				X						N	N

TABLE 9. POLLUTANT RESEARCH

POLLUTANT NAME	CAS #	AGENCY	HA	SA	EA	TT	ES	MS	EF	RA	OTHER	DOC?	COMMENTS
		MA	X									Y	N
		RI		X								Y	N
TRICHLOROPHENOL,2,4,5-	95-95-4	MA	X									Y	N
TRIETHYLAMINE	121-44-8	MA	X									Y	N
VANADIUM PENTOXIDE	1314-62-1	MA	X									Y	N
VINYL ACETATE	108-05-4	MA	X									Y	N
VINYL CHLORIDE	75-01-4	CA-BAAQMD			X							N	N
		CA-SCAQMD		X	X			X	X	X			N
		MA	X									Y	N
		TX	X	X	X			X					Y
VINYLIDENE CHLORIDE	75-05-4	MA	X									Y	N
VOLATILE ORGANIC COMPOUNDS	CL-VOC	NV-L.VEGAS								X			N
WOOD SMOKE	CL-WOOD	MN		X								N	N
XYLENE,M-	108-38-3	MA	X									Y	N
XYLENE,O-	95-47-6	MA	X									Y	N
XYLENE,P-	106-42-3	MA	X									Y	N

TABLE 10. COMMENTS ON POLLUTANT RESEARCH

COMMENTS
CT
(RM) RISK MANAGEMENT
(*) PENDING
FL
PARTICIPATING IN THE ACRYLONITRILE PROJECT.
OH-DAYTON
CONDUCTING POLLUTANT RESEARCH ON RADON AND DEGREASER USAGE. EXPOSURE ASSESSMENT FOR RADON IN 160 HOMES, DOCUMENTATION IS AVAIL. SOURCE ASSESSMENT FOR DEGREASER USAGE, DOCUMENTATION IS AVAILABLE
OH-NOVAA
WE DO NOT DO RESEARCH IN TOXIC AREA.
OR-LANE
PARTICIPATING WITH STATE TO DETERMINE PESTICIDE RESIDUES IN EMISSIONS FROM AGRICULTURAL/FORESTBURNING. THIS IS A LONG RANGE GOAL-IMMEDIATE GOAL IS METHOD DEVELOPMENT.
TN-KNOX
SHOULD OUR PROPOSED SPECIAL PROJECT BE APPROVED, (MODELING OF ACCIDENTAL RELEASES) A NUMBER OF SPECIFIC TOXIC COMPOUNDS WILL BE INCORPORATED INTO THE SOFTWARE FOR RESEARCH PURPOSES. THIS LIST WILL NOT BE KNOWN UNTIL PROGRAM IS APPROVED AND INITIATED.(RQSTD. FOR FY87)
TX
FOR ADDITIONAL INFORMATION CONTACT BETTY ROGERS (512) 451-5711 EXT. 225.
WA-PUGET
WE ARE NOT PARTICIPATING IN ANY POLLUTANT ASSESSMENT OR RESEARCH PROGRAM.

SECTION 6

METHODS DEVELOPMENT ACTIVITIES

A number of States and localities sponsor or participate in methods development activities. Tables 11 through 18 describe methods development activities in eight areas, respectively: (1) emissions testing; (2) ambient monitoring; (3) dispersion modeling application, evaluation, and/or development; (4) accident prevention and/or emergency response procedures; (5) ambient exposure assessment; (6) emissions modeling from non-traditional sources (e.g., impoundments and landfills); (7) indoor air characterization, mitigation; and (8) other (e.g., indoor/outdoor exposure relationships). Methods development activities include research and operations to improve existing or develop new methods to evaluate or control toxic air pollutants. These tables present methods development activities as reported by State and local agencies. The reader should address any questions or requests for additional information about the methods development activities identified in this section to the regulatory program contacts identified in Table 2 in Section 2.

Preceding page blank

TABLE 11. METHODS DEVELOPMENT ACTIVITIES: EMISSIONS TESTING

AGENCY	EMISSIONS TESTING METHODS DEVELOPMENT ACTIVITIES
CA	ARB DEVELOPS SAMPLING METHODS AND ANALYTICAL METHODS AS WELL AS CONDUCTS SOURCE TESTS TO DETERMINE EMISSIONS OF TOXIC AIR CONTAMINANTS FROM STATIONARY SOURCES.
CA-BAAQMD	WE ARE BEGINNING TO DO AIR TOXICS SOURCE TESTING ON A ROUTINE BASIS. HAVE DONE LIMITED WORK FOR INORGANICS.
CA-SCAQMD	SCAQMD COMBINES BOTH ACTIVITIES OF EMISSIONS TEST ING AND PERMITTING REQUIREMENTS. SPECIFIC METHODS APPLICABLE TO LANDFILL HAVE BEEN DEVELOPED.
CO-ELPASO	ONLY IF REQUIRED BY STATE DEPARTMENT OF HEALTH.
CT	FUTURE RESEARCH WILL INVOLVE EMISSIONS TESTING.
GA	EMISSION TESTING BECAUSE OF REQUIREMENT IN A SOURCE'S PERMIT.
IA	CAPTAN--ADAPTING STANDARD METHODS TO CORN ROASTER TESTING.
IL-EVAN.	DEVELOPMENT OF DRAGER PUMP AND DECIBEL METER.
MN	WE HAVE STATE APPROPRIATIONS TO TEST MSW INCINERATORS FOR DIOXIN, METALS AND OTHER ORGANIC EMISSIONS. SUMMARY REPORT AVIALABLE MID 1987.
MS	CASE SPECIFIC RESEARCH OF LITERATURE IS DONE DURING PERMIT REVIEW PROCESS.
NJ	SOURCE TEST METHOD DEVELOPMENT IS PRIMARILY RELATED TO TOXICS EMITTED FROM INCINERATION UNITS AND OTHER COMBUSTION SOURCES.
NV-L.VEGAS	DEVELOPMENT OF MONITORING METHODS FOR CHLORINE, AMMONIA, NITRATES, CHLORIDES.
OH	OHIO IS BEGINNING TO REQUIRE TESTING FOR SPECIFIC AIR TOXIC EMISSIONS ON A CASE BY CASE BASIS.
OH-CLEVE.	EPA-DESIGNED TESTS FOR SOURCE MONITORING ARE STUD- IED AND USED FOR ABATEMENT & COMPLIANCE PURPOSES. WORK OUT SPECIALIZED PROCEDURES FOR NON-CRITERIA POLLUTANTS.
OR-LANE	PESTICIDE RESIDUE IN BURNING IS DESIGNED AS - SOURCE CHARACTERIZATION.
PA	VOLATILE ORGANIC SAMPLING TRAIN (VOST) IS BEING FIELD TESTED.
TN	VERY LIMITED: AS NECESSARY TO CONDUCT TESTING FOR NON-CRITERIA POLLUTANT WHERE SPECIFIED ARE NOT AVAILABLE.
TX	DEVELOPED METHOD FOR MEASURING CHLORINATED ORGA- NICS; DEVELOPING METHOD FOR MEASURING VOCS FROM GAS STORAGE TERMINALS; TESTING EMISSIONS FROM MUNICIPAL SOLID WASTE INCINERATORS.
WA	SOURCE TEST FOR FACILITIES COMBUSTING RUBBER TIRES PRESENTLY UNDER WAY (HOG FUEL BOILER,COAL FIRED BOILER,CEMENT KILN,LIME KILN). ALSO TESTED HOG FUEL BOILER & ALUMINUM PLANT FOR AIR TOXICS.
WA-SWEST	ONLY THAT WE REVIEW AND APPROVE THE TEST METHOD.

TABLE 12. METHODS DEVELOPMENT ACTIVITIES: AMBIENT MONITORING

AGENCY	AMBIENT MONITORING METHODS DEVELOPMENT ACTIVITIES
CA	ARB HAS TWO LABORATORIES, SACRAMENTO LAB & HAAGEN--SMIT LAB, INVOLVED IN AMBIENT MONITORING & ANALYSIS. BOTH LABS ARE INVOLVED IN SAMPLING AND ANAYTICAL METHODS DEVELOPMENT.
CA-BAAQMD	WE ARE USING ARB DEVELOPED METHOD WE PARTICIPATED WITH ARB IN ITS DEVELOPMENT. OUR LAB DOES INTER-LAB ANALYSES FOR QA PURPOSES FOR ARB.
CA-SCAQMD	REFINED AMBIENT AIR MONITORING HAS BEEN DEVELOPED FOR VINYL CHLORIDE.
CT	FUTURE RESEARCH WILL INVOLVE AMBIENT MONITORING.
IL	DAPC HAS REQUESTED AMBIENT MONITORING AT HAZARDOUS WASTE INCINERATION FACILITIES, PESTICIDE MFG. FACILITIES AND OTHERS WHICH EMIT TOXICS WHICH CANNOT BE EVALUATED BY DISPERSION MODELING METHODS.
IL-EVAN,	HIGH VOLUME FLOW METER.
IN	METHODS ARE BEING DEVELOPED FOR MEASURING VARIOUS VOC USING AN HP5800GC IN CONJUNCTION WITH A UNICON SERIES 810 CONCENTRATOR
IN-HAMMOND	WE HAVE ONE AIR MONITORING TECHNICIAN FULL TIME UNDER GROUP LEADERSHIP WHO HAS OVERALL RESPONSIBILITY FOR LAKE COUNTY AIR MONITORING PROGRAM. WE ARE CONDUCTING A PRELIM. SURVEY FOR EXCEEDENCES OF NADQS FOR CRITERIA POLLUTANTS.(TSP,SO2,NOX,CO,O2,PB)
IN-VIGO	THIS IS DONE IN CONJUNCTION WITH THE STATE.
KS	TENAX SAMPLES, METALS ANALYSIS ON HI-VOLS
MA	SPECIAL TOXICS MONITORING IN CHARLESTOWN, MA: 1) R&D FOR SAMPLING PROCEDURES AND ANALYSIS TECHNIQUES; 2) DEVELOPS DATABASE; 3) PART OF NPN NETWORK (HAS 20 METALS).
MD	SURVEY OF ORGANIC COMPOUNDS LISTED ON FORM 4.
MN	WE ARE CURRENTLY CONDUCTING LIMITED SAMPLING WITH A PORTABLE PHOTOIONIZATION CHROMATOGRAPH AND ADSORPTION TUBES. A SOURCE APPORTIONMENT STUDY IS IN PROGRESS RELATED TO WOOD COMBUSTION.
MS	CASE SPECIFIC RESEARCH OF LITERATURE IS DONE DURING PERMIT REVIEW PROCESS IF NEEDED BUT HAVE NOT YET DONE ANY AMBIENT MONITORING.
NH	SOLID ABSORBENT COLLECTION OF VARIOUS VOC'S. ALSO METHOD DEVELOPMENT TO MONITOR AMBIENT TRS.
NJ	OFFICE OF SCIENCE AND RESEARCH HAS CONDUCTED MONITORING "CAMPAIGNS" FOR VOC,METAL & ORGANIC PARTICULATE FRACTIONS. PARTICULATE PORTION HAS BEEN ASSUMED BY AIR PROGRAM ON A ROUTINE BASIS.
NM	CARBON MONOXIDE SOURCE APPORTIONMENT STUDY FOR ALBUQUERQUE, NM, THIS IS A SHORT TERM STUDY USING DICOTOMOUS SAMPLES AND A CARBON MONOXIDE MONITOR.
NV-L.VEGAS	DEVELOPEMENT OF MONITORING METHODS FOR CHLORINE AMMONIA, NITRATES AND CHLORIDES
OH	AMBIENT MONITORING METHODS ARE CURRENTLY BEING DEVELOPED FOR THE RECENTLY AQUIRED LIST OF THE PRIORITIZED TOP 30 AIR TOXICS FOR THE STATE. MONITORING WILL ALSO BE UTILIZED FOR SPECIAL CASES REQUIRING IMMEDIATE ATTENTION.
OH-CLEVE.	SPECIAL SAMPLING PROTOCOL WHERE NOT PRESCRIBED. MONITORING IS DONE FOR POLLUTANTS ON OSHA Z LIST. APPLICABLE METHODOLOGY IS THE NIOSH METHODS.
OR-LANE	AMBIENT MONITORING TECHNIQUES ARE USED IN PROTECTION DESCRIBED ABOVE.
PA	PUF FILTERS ARE BEING USED FOR THE COLLECTION OF SEMI-VOLATILES.
PA-PHIL.	COOPERATIVE AGREEMENT WITH EPA (EMSL) FOR TENAX-OC/MS AND OTHER METHODS DEVELOPMENT.
RI	ABSORPTION EXPERIMENTS USING CARBON AS A SORBENT TO DETERMINE SUITABILITY FOR USE AS A COLLECTION MEDIUM.

TABLE 12. METHODS DEVELOPMENT ACTIVITIES: AMBIENT MONITORING

AGENCY	AMBIENT MONITORING METHODS DEVELOPMENT ACTIVITIES
TN	VERY LIMITED AS NECESSARY TO MONITOR FOR NON-CRITERIA POLLUTANTS WHERE SPECIFIED METHODS ARE NOT AVAILABLE OR EQUIPMENT IS NOT AVAILABLE.
TN-CHAT.	IN CONJUNCTION WITH TVA, DEVELOPING A 24 HOUR METHOD FOR MONITORING TOXIC AIR POLLUTANTS.
TX	DEVELOPED METHODS FOR GETTING ARSENIC, BENZENE, FORMALDEHYDE, PCB'S, LEAD, VINYL CHLORIDE, PNA, ETHYLENE OXIDE, EPICHLOROHYDRIN,& ACRYLONITRIL ON PESTICIDE HEAD HI-VOLS. DEVELOPING METH. TO COL.
VT	VERMONT IS PARTICIPATING IN EPA'S AIR TOXIC MONITORING PROGRAM FOR NON-CRITERIA POLLUTANTS ("URBAN SOUP") BEING CONDUCTED BY RADIAN CORP.
WA	MONITORING OF OIL REFINERY & PETROCHEMICAL CO. NOW BEING PLANNED. SOURCES OF CONCERN ARE A DELAYED COKER UNIT AND WASTE WATER TREATMENT PLANT.
WA-PUGET	WE HAVE BEEN SELECTED AS A FUTURE TAMS SITE.
WA-SWEST	ONLY BY REVIEWING AND APPROVING THE METHOD.

TABLE 13. METHODS DEVELOPMENT ACTIVITIES: DISPERSION MODELING

AGENCY	DISPERSION MODELING METHODS DEVELOPMENT ACTIVITIES
CA	ARB HAS CURRENT CONTRACT WITH SIGMA CORPORATION TO DEVELOP A STATE-OF-THE-ART TOXICS DISPERSION MODEL TO SIMULATE SHORT-TERM AND ANNUAL POLLUTANT CONCENTRATIONS. ARB APPLIES DISPERSION MODELS TO WIDE RANGE OF TOXIC EMISSIONS.
CA-BAAQMD	WE USE MODELS BUT HAVE NOT DEVELOPED ANY NEW ONES
CA-SCAQMD	SCAQMD CONDUCTS ATMOSPHERIC MODELING OF A SOURCE TO DETERMINE RISK IN CONJUNCTION WITH THE RISK ASSESSMENT BY THE CAL. DEPT. OF HEALTH SERVICES.
CA-MONT.	IN APPLYING DISPERSION MODELING OF TOXIC SOURCES WE HAVE BEEN WORKING WITH CARB TO DEVELOP MODELING TECHNIQUES FOR NON-TRADITIONAL SOURCES.
CT	WE MODEL IMPACTS FROM PROPOSED NEW OR MAJOR SOURCES, BOTH OF CRITERIA AND OF TOXIC POLLUTANTS DEVELOPMENT OF NEW MODELS MAY BE DONE.
IA	CAPTAN AND CORN ROASTER USING EPA APPROVED MODELS PESTICIDE FORMULATORS USING EPA APPROVED MODELS
IL	USE OF TRADITIONAL MODEL ESPECIALLY THE INDUSTRIAL SOURCE COMPLEX (ISC) MODEL. ALSO USING RECEPTOR MODELING TECHNIQUES.
IL-EVAN.	PAGERS
IN	HAVE CAPABILITY BUT HAVE DONE LITTLE TO DATE.
IN-VIGO	WE HAVE THE CAPABILITY OF DOING THIS WITH OUR COMPUTER, BUT HAVE NOT STARTED YET.
KS	HEM, ISCLT, ISCST USED IN EXPOSURE ASSESSMENT
KY	APPLY EPA MODELING GUIDELINES TO SOURCES TO DETERMINE COMPLIANCE WITH THRESHOLD AMBIENT LEVELS
MA	HEAVIER-THAN-AIR CHEMICALS: PRELIMINARY ANALYSIS OF G.A. BRIGGS (1973) SIMPLIFIED APPLICATION OF METHODS FOR PHYSICALLY-SMALL INDUSTRIAL SOURCES. (2) MEMO. (NOV.10,1986) PROVIDES GUIDANCE ON EST. AIR QUALITY IMPACTS OF DIOXIN EMITTED FROM LANDFIL
MD	WE ARE APPLYING STANDARD GAUSSIAN MODELS TO DETERMINE AMBIENT LEVELS. WE ARE DEVELOPING A MANUAL TO GUIDE A PERMIT ENGINEER OR APPLICANT THROUGH INITIAL SCREENING MODELS FOR POINT AND
MI	MICHIGANS DEVELOPMENT OF METHODS HAVE BEEN PRIMARILY IN SCREENING MODELS (DILUTION FACTOR MATRIX) THE STATE HAS DEVELOPED TIME SCALING FACTORS FOR DIFFERENT AVERAGING TIMES.
MO	THE HEM MODEL WILL BE USED SEPARATELY OR IN CONJUNCTION WITH EXISTING MODELS USED FOR CRITERIA POLLUTANTS
ND	DISPERSION MODELING USED IN ANALYSIS OF IMPACT FROM BURNING WASTE OILS(MAINLY INORGANICS).
NJ	DEVELOPED DISPERSION MODELING PROTOCOL IN CONJUNCTION WITH NESCAUM.
NM	MODEL DEVELOPMENT AND REVISIONS OCCUR WHEN NEEDED FOR IN-HOUSE USE.
OH	DISPERSION MODELING IS USED FOR EVERY NEW SOURCE OF TOXIC AIR POLLUTANTS. RESULTS ARE USED FOR EITHER A RISK ASSESSMENT OR A MAXIMUM ACCEPTABLE GROUND LEVEL CONCENTRATION (MAGLC-FRACTION OF TLV)
PA	SCREENING METHODS ARE USED TO ESTIMATE AMBIENT LEVELS (PTPLU MODEL) AND COMMITTEE IS EXPLORING ALTERNATIVES.
RI	WE HAVE DRAFTED AN AIR QUALITY MODELLING GUIDELINE FOR AIR TOXICS SOURCES. WHILE THIS DOES NOT CONTAIN NEW MATERIAL, IT PROVIDES STANDARDIZED METHODOLOGY FOR EVALUATING TOXICS SOURCES.
TX	ALL TOXIC COMPOUNDS TO BE EMITTED ARE MODELED AS A PART OF PERMIT REVEIW. NON-TRAD. SOURCES ARE INCLUDED IN THE MODEL EVALUATION. ODOROUS COMPOUNDS ARE ALSO INCLUDED IN THE REVIEW.
VT	VT IS DEVELOPING WITH EPA A DISPERSION MODEL FOR AIR TOXICS IN COMPLEX TERRAIN. THE INITIAL GOAL IS MERELY TO USE ISCST IN COMPLEX TERRAIN.

TABLE 13. METHODS DEVELOPMENT ACTIVITIES: DISPERSION MODELING

AGENCY	DISPERSION MODELING METHODS DEVELOPMENT ACTIVITIES
WA	RESULTS OF AMBIENT MONITORING RESULTS WILL BE MODELED FOR US BY EPA REGION 10. AGENCY MODELING POSITION WILL BE FILLED THIS SUMMER (1986).
WA-SWEST	ONLY BY REVIEWING AND APPROVING THE MODEL USED.

TABLE 14. METHODS DEVELOPMENT ACTIVITIES: ACCIDENT PREVENTION/EMERGENCY RESPONSE

AGENCY	EMERGENCY RESPONSE METHODS DEVELOPMENT ACTIVITIES
AZ-PIMACO	JUST IN FIRST PHASES OF WORKING WITH OTHER LOCAL AGENCIES.
CA-SCAQMD	AN EMERGENCY TECHNICAL ASSISTANCE PROGRAM FOR TOXICS IS CURRENTLY IN PLACE.
CO	A STATE-WIDE PROGRAM HAS BEEN DEVELOPED AND IS NOW OPERATIONAL.
CT	THIS IS DONE BY THE HAZARDOUS MATERIALS MANAGEMENT UNIT OF DEP.
FL-JACKSON	COORDINATED EFFORT BETWEEN THE LOCAL FIRE DEPT., COAST GUARD, AND THIS AGENCY TO RESPOND TO EMERGENCY SITUATIONS. HOSPITAL SURVEY FROM FY1987 TO ASSESS FACILITIES FOR HANDLING TOXIC EXPOSURE VICTIMS.
GA	THE DIVISION OPERATES A 24-HOUR EMERGENCY RESPONSE PROGRAM
IL	EVACUATION GUIDE FOR RELEASES OF HAZARDOUS GASES OR VAPORS (CALCULATION OF EVACUATION DISTANCES) HAS BEEN WRITTEN AND METHODS ARE UTILIZED.
IN	HANDLED BY A SEPERATE EMERGENCY RESPONSE TEAM.
IN-HAMMOND	THE DEPT HAS COMMITTED TO COOPERATE WITH THE STATE AND US EPA ON HAZARDOUS SPILLS. DURING FY1986 THE AGENCY WAS INVOLVED IN 7 SPILLS OR HAZARDOUS MATERIALS EMERGENCIES. THE POLICE/FIRE DEPT NOTIFY THE AGENCY OF SPILLS IN HAMMOND OR LAKE COUNTY.
KS	PLAN TO PARTICIPATE IN DEVELOPMENT OF CONTINGENCY PLANS
KS-KC	OUR AGENCY DOES MEET WITH THE LOCAL EMERGENCY RESPONSE TEAM AND HAS SOME INPUT.
MA	A 24-HR EMERGENCY RESPONSE PROGRAM EXISTS FOR AMBIENT AIR EMERGENCIES, CONVERTED MOBILE UNIT EQUIPPED WITH GC AND OTHER SCREENING INSTRUMENTATION. INDEPENDENT RADIO SYSTEM, PERSONAL PROTECTION GEAR.
MD	AREA SOURCES, INCLUDING CAVITY IMPACT CALCULATIONS FOR POINT SOURCES.
MO	TECHNICAL SUPPORT FOR LABORATORY SERVICES, DEPT OF NATURAL RESOURCES, PRIMARILY DISPERSION MODELING AND SOURCE IDENTIFICATION.
MO-STLUCO	OUR AGENCY WORKS IN LIAISON WITH THE ST. LOUIS COUNTY CIVIL PREPAREDNESS AND LOCAL FIRE DEPARTMENTS TO PROVIDE ASSISTANCE IN HANDLING EMERGENCY RESPONSE INCIDENTS.
NJ	AN ACCIDENT PREVENTION PROGRAM HAS BEEN INITIATED AND COMBINED WITH THE EXISTING BUREAU OF EMERGENCY RESPONSE IN A NEW OFFICE.
OH	AIR ACCIDENTS ARE COORDINATED THROUGH THE EMERGENCY RESPONSE (ER) DEPARTMENT; HELP TO ER IS PROVIDED WITH AIR TOXICS EMISSIONS. MODELS ARE BEING PURCHASED FOR EMERGENCY AIR EMISSIONS.
OH-CLEVE.	WORK WITH FIRE DEPARTMENT AND PSA ON RESPONSE PROTOCOL AS WELL AS CITY ADMINISTRATION.
OR-LANE	NOT WELL DEVELOPED THROUGHOUT AREA. CERTAIN SOURCES HAVE DEVELOPED PREVENTION/RESPONSE PROCEDURES. PLAN TO DEVELOP CAPABILITY FOR LIMITED ANALYSIS. DEVELOP WITH EMERGENCY RESPONSE ORGANIZATIONS, CAPABILITY TO TAKE SAMPLES.
PA	TECHNICAL SUPPORT IS PROVIDED TO PEMA, THE LEAD AGENCY IN PA. SIX REGIONAL OFFICES ARE BEING STAFFED WITH EMERGENCY RESPONSE TEAMS. CURRENTLY RESPONSES ARE BY VOLUNTARY EFFORTS.
TN-KNOX	THE DEVELOPMENT OF A SPECIAL PROJECT CONSISTING OF ON-LINE WEATHER MONITORING AND DISPERSION MODELLING TO BE APPLIED TO ACCIDENTAL RELEASES OF AIR TOXICS, CONTINUES WITH PERSONNEL TRAINING, MEETING WITH EMERGENCY MANAGEMENT PERSONNEL AND APCR APPR.
TX	TACB EMERGENCY EPISODE RESPONSE MANUAL REVISED AND DISTRIBUTED TO REGIONAL OFFICES, STATE AGENCIES, AND INTERESTED CITIZENS.
WA	AGENCY'S EXPERIENCE SO FAR HAS BEEN IN SPILL RESPONSE PRIMARILY OF OIL BUT DOES INCLUDE AIR TOXICS AND IS EXPECTED TO EXPAND.

TABLE 14. METHODS DEVELOPMENT ACTIVITIES: ACCIDENT PREVENTION/EMERGENCY RESPONSE

AGENCY	EMERGENCY RESPONSE METHODS DEVELOPMENT ACTIVITIES
WA-PUGET	WE ARE PARTICIPATING IN THE TACOMA CHEMICAL AWARENESS EMERGENCY RESPONSE.
WA-SWEST	THIS IS A NEW PROGRAM AS SOON AS LEGISLATION IS PASSED.

TABLE 15. METHODS DEVELOPMENT ACTIVITIES: AMBIENT EXPOSURE ASSESSMENT

AGENCY	AMBIENT EXPOSURE ASSESSMENT METHODS DEVELOPMENT ACTIVITIES
CA	AMBIENT AIR DATA AND MODELING DATA ARE USED TO PREPARE EXPOSURE ASSESSMENT REPORTS FOR SUBSTANCES UNDER REVIEW IN PROGRAM. ARB HAS DEVELOPED A POPULATION EXPOSURE MODEL THAT RELATES CONC. AND POPULATION FOR A GRIDED AREA OF ASSESSMENT.
CA-BAAQMD	WE HAVE COMPLETED AN EXPOSURE ASSESSMENT FOR SANTA CLARA CO.; WE ARE CURRENTLY DOING ONE FOR CONTRA COSTA CO.; AND WE DID SOME WORK ON BENZENE FROM REFINERIES.
CA-SCAQMD	AMBIENT AIR DATA FOR VINYL CHLORIDE IS COLLECTED ALONG WITH MODELING ANALYSIS TO ESTIMATE HOURLY, 24 HOUR AND ANNUAL CONCENTRATION.
CT	AAQ'S AND HLV'S ARE SET INDEPENDENTLY OF EXPOSURE ASSESSMENT.
CT-MILFORD	RESPONSE TO COMPLAINTS ONLY. HEALTH RISK/MITIGATION
IA	ASSESSMENT OF THE MONSANTO ACRYLONITRILE SOLUTION IN MUSCATINE, IOWA EPA 907/9-86-005
KS	TO CONDUCT RISK ASSESSMENT
MN	1) HENNEPIN COUNTY HAS CONTRACTED WITH RADIAN TO MONITOR BACKGROUND LEVELS OF POLLUTANTS POSSIBLY EMITTED BY A PROPOSED 1000 TPD MSW INCINERATOR. 2) MPCA IS WORKING WITH UNV. OF MISSESOTA TO DEVELOP A FOOD CHAIN MODEL FOR DIOXIN AND METALS.
MO	TO BE DONE VIA EMISSIONS INVENTORIES.
NJ	A TOTAL EXPOSURE STUDY IS BEING INITIATED WHICH WILL LOOK AT BAP CONCENTRATIONS INDOORS, OUTDOORS, IN WATER AND IN FOOD.
OH	AMBIENT EXPOSURE IS ASSESSED WITH COMPUTER MODELING AND RISK ASSESSMENT. A LIST OF THE TOP 30 AIR TOXICS EMISSIONS FOR OHIO WILL DIRECT THE COMPOUNDS EXAMINED BY THE AIR TOXICS PROGRAM.
PA	INSUFFICIENT RESOURCES TO EXAMINE THIS ASPECT OF PROGRAM DEVELOPMENT.
TN-CHAT.	CONDUCTING EXTENSIVE MONITORING STUDY IN CHATTANOOGA NEIGHBORHOOD (CRITERIA POL., INHALABLE PARTIC., & BROAD RANGE OF ORGANICS). PLANNING TO USE RESULT WITH EPIDEMIOLOGICAL STUDY TO EVALUATE HEALTH RISK
TX	MONITORING SITES ESTABLISHED IN HARRIS, GALVESTON, JEFFERSON, & ORANGE COUNTIES FOR CONTAMINANTS LISTED UNDER ACCEPTABLE AMBIENT CONCENTRATIONS.
WA	EXPECT THAT SOME DEGREE OF AMBIENT EXPOSURE ASSESSMENT WILL BE PERFORMED IN SOME CASES WHEN NEEDED.

TABLE 16. METHODS DEVELOPMENT ACTIVITIES: NON-TRADITIONAL SOURCES

AGENCY	NON-TRADITIONAL SOURCES METHODS DEVELOPMENT ACTIVITIES
CA	ARB HAS DEVELOPED A MODEL FOR ESTIMATING HOURLY EMISSIONS FROM APPLICATION OF WEED OIL.
CA-SCAQMD	EMISSIONS OF VINYL CHLORIDE FROM LANDFILLS ARE MODELED TO DETERMINE RISK.
CA-MONT.	SEE DISPERSION MODELING.
CT	WE MAY DEVELOP MODELING TECHNIQUES FOR THESE TYPES OF SOURCES IN THE FUTURE.
IA	NONE
IL	SLAG PILE AT GRANITE CITY (INDUSTRIAL FUGITIVE LEAD)
IN	INTEND TO USE THE INDUSTRIAL SOURCE COMPLEX SHORT TERM (ISCST) MODEL, WITH DOWNWASH OPTION.
KS	SOME REQUIRED IN RCRA PROGRAM
MI	MICHIGAN HAS DEVELOPED MODELS AND APPLICATIONS FOR EMISSIONS FROM LANDFILLS AND LANDFILL EXCAVATION PROJECTS.(E.G BERLIN & FARRO SITE)
MO	CURRENT PLANS ARE TO INCLUDE AREA SOURCES IN FUTURE INVENTORIES OF NON-CRITEREA POLLUTANTS
MO-STLUCO	HOWEVER, WE MAY BE CONDUCTING RESEARCH IN THESE AREAS IN THE NEAR FUTURE.
MD	EMISSIONS MODELING WILL BE USED TO DETERMINE AMBIENT CONCENTRATIONS OF ORGANICS FROM A PROPOSED LANDFILL GAS TO ENERGY CONVERSION FACILITY.
NM	INFORMED EMISSIONS MODELING FROM NON-TRADITIONAL SOURCES LIKE MOLYBDENUM TAILINGS DISPOSAL SITES HAS BEEN DONE.
NV-L.VEGAS	MONITORING STUDY ON LANDFILLS AND DUMPSITES.
OR-LANE	WILL BECOME SUBJECT OF LATER PROGRAM DEVELOPMENT.
PA	INSUFFICIENT RESOURCES.
TX	ALL SOURCES, INCLUDING NON-TRAD. ARE MODELED USING PROCEDURES DEVELOPED AT THIS AGENCY. ODOROUS ARE ALSO INCLUDED IN THIS MODELING.
WA	SOME MODELING OF LANDFILLS.
WA-SWEST	WE WILL AS TIME BECOMES AVAILABLE.

TABLE 17. METHODS DEVELOPMENT ACTIVITIES: INDOOR AIR

AGENCY	INDOOR AIR METHODS DEVELOPMENT ACTIVITIES
CA	1986 LEGISLATION (ASSEMBLY BILL 3052) REQUIRES THAT WE ASSESS INDOOR EXPOSURES TO SUBSTANCES UNDER REVIEW IN OUR PROGRAM. ARB AND THE LOCAL AIR DISTRICTS HAVE THE AUTHORITY TO CONTROL INDOOR TOXIC EMISSIONS ONLY TO THE EXTENT THE OBJECTIVE
CT	THE DEPARTMENT OF HEALTH SERVICES HAS JURISDICTION, AND OSHA IN WORKPLACES.
CT-MILFORD	RESPONSE TO COMPLAINTS ONLY.
FL	TWIN TOWERS EVALUATION PROJECT.
MN	SHORT TERM STUDY TO MONITOR MOISTURE AND AIR QUALITY IN HOMES WITH POSSIBLE STRUCTURAL PROBLEMS LEGISLATIVE APPROPRATION FOR FY88-89
OH-DAYTON	MEASURED RADON IN ABOUT 160 HOMES
OR-LANE	SOME RESPONSE CAPABILITY IN NEXT YEAR'S PROGRAM.
PA	INSUFFICIENT RESOURCES. AGREEMENT TO ACCEPT FROM EPA LITERATURE ON INDOOR AIR ALONG WITH OTHER INFORMATION AND SAMPLING EQUIPMENT WHICH MAY BE USEFUL FOR PROGRAM DEVELOPMENT.
RI	WE DON'T HAVE AUTHORITY IN THIS AREA.
TN-CHAT.	CURRENTLY INVOLVED IN INDOOR NO2 STUDY IN PUBLIC HOUSING UNITS.

TABLE 18. METHODS DEVELOPMENT ACTIVITIES: OTHER

AGENCY	OTHER METHODS DEVELOPMENT ACTIVITIES
CA	(CONTINUED FROM ABOVE)... AND PURPOSE IS ULTIMATELY TO REDUCE OUTDOOR AIR POLLUTION.
IL	(1) INDOOR/OUTDOOR RELATIONSHIP BETWEEN LEAD LEVEL IN GRANITE CITY. (2) AIR QUALITY STUDY OF SO. CHICAGO FOR NON-CRITERIA POLLUTANTS. (DRAFT REPORT AVAILABLE)
MN	MPCA IS STRONGLY INVOLVED IN THE MEASUREMENT OF ACIDIC DEPOSITION IN WET AND DRY FORMS. THE TRACE ELEMENT CONTENT OF DEPOSITION IS ALSO MEASURED. OUR DRY SAMPLER IS UNIQUE. MONEY IS APPROPRIATED.
NJ	MONITORING OF EMISSIONS FROM NON-TRADITIONAL SOURCES (E.G. EMISSIONS FROM LANDFILL VENTS.)
NV-L.VEGAS	MONITORING INDOOR CONCENTRATIONS OF BENZENE, CARBON MONOXIDES, FORMALDEHYDE.
OH-CLEVE.	INDOOR FORMALDEHYDE STUDIES WERE CONDUCTED OVER A 2 YEAR SPAN AND OUTDOOR AMBIENT CONCENTRATIONS ALSO STUDIED FOR COMPARISON. SOURCES OF FORMALDEHYDE ALSO INVESTIGATED. STATISTICAL CORRELATIONS
PA-PHIL.	PARTICIPATION WITH EPA (IEMP) IN MULTI-MEDIA TOXICS STUDY.
TN	PARTICIPATED IN DEVELOPMENT OF THE PINEY WOODS AIR TOXICS INDOOR/OUTDOOR POLLUTANTS ASSESSMENT.
TX	CONTINUING PROJECT TO ASSESS THE FEASIBILITY OF IN SITU MONITORING IN BIOLOGICAL TEST SYSTEMS TO ASSESS EXPOSURE TO A COMPLEX MIX OF AMBIENT CONTAMINANTS.
WA-PUGET	WASTE OIL SAMPLING PROCEDURES

SECTION 7

NON-HEALTH RELATED IMPACTS

Table 19 describes information provided by State and local agencies on case-studies of non-health related impacts of non-criteria air pollutants (e.g., materials, vegetation damage). The reader should address any questions or requests for additional information about non-health related impacts to the regulatory program contacts identified in Table 2 in Section 2.

TABLE 19. NON-HEALTH RELATED IMPACTS

AZ-PINACO

NO STUDIES BY OUR DISTRICT IN OCTOBER 1984. OUR DISTRICT ASSISTED AZ DEPT. OF HEALTH SERV. IN A STUDY OF ODOR PROBLEMS FROM METHYL MERCAPTO ETHYL AMINES AND HYDROGEN SULFIDE IN THE AREA OF SANTO THOMAS AZ..

CI

ODOR REGULATIONS WILL REMAIN IN FORCE - FOR MANURE NUISSANCES, ETC..

MA

VISIBILITY: NITRATE & SULFATE AEROSOLS: INFLUENCE ON VISIBILITY IMPAIR MENT. WORK BEING DONE BY DAQC TO DEVEL. A VISI. & PUBLIC HLTH. INDEX. 1)DEVEL. INDEX BASED ON AIR Q. & PUBLIC HLTH. 2)VALIDATE 3)IMPLEMENT

MN

A STUDY WILL BE PERFORMED IN SUMMER 1987 RELATING ODOR TO EMISSIONS IN THE VICINITY OF A MAJOR PETROLEUM REFINERY.

OH-CLEVE.

WE HAVE DONE MANY COMPARISONS OF ODER V.S. QUANTITION VIA GC OLFACTOR RESPONSE. VEGETATION STUDIES ON BORON, LEAD, CADMIUM, AND OTHER HEAVY METALS HAVE BEEN DONE IN CONJUNCTION WITH OHIO E.P.A.

OH-LAKECO

ODOR - WE ARE RECEIVING MORE COMPLAINTS ABOUT WOOD BURNING DEVICES (2- EACH WINTER.

RI

DAMAGE TO GRAPE LEAVES BELIEVED TO BE CAUSED BY FLOURIDE EMISSIONS FRO ETCHING AT GLASS MANUFACTURING FACILITY.
WE HAVE ALSO CONSIDERED AFFECTS ON VEGETATION WHEN SETTING AALS FOR HF AND HCL.

WA

VEGETATION DAMAGE FROM OZONE, ACID RAIN, AND FROM CHLORINE RELEASES FR A TITANIUM PLANT ARE SUSPECTED AND ARE BEING INVESTIGATED. NO DOCUMEN TED CASE EVIDENCE AT THIS TIME

SECTION 8

AMBIENT MONITORING INFORMATION

Ambient monitoring information has been collected from States and localities on a large number of non-criteria pollutants. Table 20 presents these data, including the pollutant measured, CAS number, State or locality conducting the measurement, date and location of the measurement, and the sampling technique and analytical method used by the State or locality. Note that the Clearinghouse does not evaluate the suitability of sampling techniques or analytical methods for the evaluation of ambient air concentrations of air toxics.

Information obtained for the interim Aerometric Information and Retrieval System (AIRS) has been incorporated into this table. For further information regarding the interim AIRS data base contact Bob Faoro at (919) 541-5459.

The reader should address any questions or requests for additional information on a State or local agency's ambient monitoring activities to the ambient monitoring contacts identified in Table 2 in Section 2.

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ACETALDEHYDE (75-07-0)					
NV-L.VEGAS	1984	LAS VEGAS/HENDERSON	CLARK CO	IMPINGER	GC
ACETONE (67-64-1)					
AL	1985	EMELLE	SUMTER	H-NU METER	PHOTOIONIZATION
IL	1983	CHICAGO	COOK CO.	CRYOGENIC TRAP	GC/MS/MS
MA	1984	CHELSEA		DIRECT	MS-MS
	1984	LAWRENCE		DIRECT	MS-MS
	1984	FITCHBURG		DIRECT	MS-MS
	1984	CHICOPEE		DIRECT	MS-MS
	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1984	WOBURN		DIRECT	MS
	1985	BILLERICA		TENAX TRAP	GC-MS, GC-PID
	1985	SOUTH HADLEY		TENAX TRAP	GC-MS
	1985	FITCHBURG		TENAX TRAP	GC-MS
	1986	CHARLESTOWN		TENAX TRAPS	GC-PID, GC-MS
	1986	WORCESTER		TENAX TRAPS	GC-MS
	1986	WILMINGTON		DIRECT	MS-MS
	1986	NEW BEDFORD		TENAX TRAPS	GC-MS, GC-PID
	1987	COHASSET		TENAX TRAPS	GC-MS
NH	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	SALEM	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	MANCHESTER	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	CONCORD	MERRIMACK CO.	DI/TENAX/CHARCOAL	GCFID/PID
ACIDIC COMPOUNDS (CL-ACID)					
SD	1986	BUFFALO GAP	CUSTER	AEROCHEM METRICS SAMPLER	PRECIPITATION CHEMISTRY
	1984	LEMMON	PERKINS	AEROCHEM METRICS SAMPLER	PRECIPITATION CHEMISTRY
	1986	PIERRE	HUGHES	AEROCHEM METRICS SAMPLER	PRECIPITATION CHEMISTRY
ACROLEIN (107-02-8)					
NV-L.VEGAS	1984	SITE #2900320557	CLARK CO	IMPINGER	GC
ACRYLONITRILE (107-13-1)					
SC	1983		KENSHAW	CHARCOAL TUBE	GC/FID
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC/MS
	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ALUMINUM (7429-90-5)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MT	1985	ANACONDA	DEER LODGE	HI-VOL	EMISSION SPECTRA-ICAP
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
AMMONIA (7664-41-7)					
NV-L.VEGAS	1987	HENDERSON	CLARK CO.	CONTINUOUS	CHEMILUMINESCENCE
WI	1985	MILTON	ROCK	CONTINUOUS	DISPERSIVE IR
ANTIMONY (7440-36-0)					
OH	1983	CLEVELAND		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
	1983	BELLEFONTAINE		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
AROCLOR 1254 (11097-69-1)					
TX					
WI					
ARSENIC AND COMPOUNDS AS AS (7440-38-2)					
AZ	1985	AJO	PIMA CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	DOUGLAS-C.P.	COCHISE CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	DOUGLAS-C.P.	COCHISE CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	DOUGLAS-NNE	COCHISE CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	HAYDEN	GILA CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	MIAMI-FIRE STATION	GILA CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	MONTEZUMA CASTLE	YAVAPAI CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	MORENCI	GREENLEE CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	ORGAN PIPE	PIMA CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
	1985	SAN MANUEL	PINAL CO.	PARTICULATE SAMPLER	GRAPHITE FURNACE/ATOMIC ABSORPTION
CA	1985	BAKERSFIELD		HI-VOL	AA/GRAPHITE
	1985	CITRUS HEIGHTS		HI-VOL	AA/GRAPHITE
	1985	CONCORD		HI-VOL	AA/GRAPHITE
	1985	EL CAJON		HI-VOL	AA/GRAPHITE
	1985	EL MONTE		HI-VOL	AA/GRAPHITE
	1985	FREMONT		HI-VOL	AA/GRAPHITE
	1985	FRESNO		HI-VOL	AA/GRAPHITE
	1985	LONNG BEACH		HI-VOL	AA/GRAPHITE

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
ARSENIC AND COMPOUNDS AS AS (7440-38-2)					
CA	1985	LOS ANGELES		HI-VOL	AA/GRAPHITE
	1985	MERCED		HI-VOL	AA/GRAPHITE
	1985	MODESTO		HI-VOL	AA/GRAPHITE
	1985	PICO RIVERA		HI-VOL	AA/GRAPHITE
	1985	PITTSBURG		HI-VOL	AA/GRAPHITE
	1985	RICHMOND		HI-VOL	AA/GRAPHITE
	1985	RUBIDOUX		HI-VOL	AA/GRAPHITE
	1985	SAN FRANCISCO		HI-VOL	AA/GRAPHITE
	1985	SAN JOSE		HI-VOL	AA/GRAPHITE
	1985	SANTA BARBARA		HI-VOL	AA/GRAPHITE
	1985	SIMI		HI-VOL	AA/GRAPHITE
	1985	STOCKTON		HI-VOL	AA/GRAPHITE
	1985	UPLAND		TEDLAR BAG	GC/PID
CA-BAAQMD					
IL	1983	CHICAGO	COOK CO.	HIGH VOLUME SAMPLER	ATOMIC ABSORPTION
	1983	PEORIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ELMHURST		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ELGIN		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	BRAIDWOOD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	JOLIET		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	EAST MOLINE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-23RD & MADISON		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-15TH & MADISON		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-ROOSEVELT & ROCK		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	WOOD RIVER		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	EAST ST. LOUIS		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ROCKFORD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	CARBONDALE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	DECATUR		PARTICULATE SAMPLER	ATOMIC ABSORPTION
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MD	1985	BALTIMORE		HIGH VOLUME AIR SAMPLE	FLAMLESS ATOMIC ABSORPTION
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1980	MISSOULA	MISSOULA	HI-VOL	ATOMIC ABSORPTION
	1980	E. HELENA	L. AND C.	HI-VOL	ATOMIC ABSORPTION
	1983	E. HELENA	L. AND C.	HI-VOL	EMISSION SPECTRA-ICAP

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
ARSENIC AND COMPOUNDS AS AS (7440-38-2)					
MT	1983	HELENA	LEWIS AND CLARK	HI-VOL	EMISSIONS SPECTRA-ICAP
	1986	ANACONDA	DEER LODGE	HI-VOL	EMISSION SPECTRA-ICAP
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	BELLEFONTAINE		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
SC	1985	LEXINGTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	LEXINGTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
WY	1985	LARAMIE		PARTICULATE SAMPLER	AA
ASBESTOS (1332-21-4)					
CT	1977	STRATFORD		HIVOL	MICROSCOPY
		WALLINGFORD		REAL TIME LO VOL	MSMS
		ROYTYPE		REAL TIME LO VOL	MSMS
		NEWINGTON		REAL TIME LO VOL	MSMS
		UPJOHN		REAL TIME LO VOL	MSMS
MN	1978	VARIOUS		MEMBRANE FILTER	ELECTRON MICROSCOPE
OK-TULSA	1986		TULSA CO.	PARTICULATE SAMPLER	MICROSCOPIC
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	FILTER	MICROSCOPIC
SC	1	MARLBORO		MEMBRANE FILTER	MICROSCOPIC ANALYSIS
BARIUM (7440-39-3)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	CLEVELAND		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
WI	1985	EAU CLAIRE		HIGH-VOLUME SAMPLER	ATOMIC ABSORPTION
BENZENE (71-43-2)					
AL	1985	EMELLE	SUMTER	H-NU METER	PHOTOIONIZATION
AR	1984		PULASKI CO.	TENAX	GC-FID-PID

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
BENZENE (71-43-2)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/PID
	1985	EL MONTE		TEDLAR BAG	GC/PID
	1985	RUBIDOUX		TEDLAR BAG	GC/PID
	1984	RIVERSIDE		TEDLAR BAG	GC/PID
	1985	BAKERSFIELD		TEDLAR	GC/ECD
	1985	CHULA VISTA		TEDLAR BAG	GC/PID
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/PID
	1985	CONCORD		TEDLAR BAG	GC/PID
	1985	EL CAJON		TEDLAR BAG	GC/PID
	1985	FREMONT		TEDLAR BAG	GC/PID
	1985	FRESNO		TEDLAR BAG	GC/PID
	1985	LANCASTER		TEDLAR BAG	GC/PID
	1985	LONG BEACH		TEDLAR BAG	GC/PID
	1985	MERCED		TEDLAR BAG	GC/PID
	1985	MODESTO		TEDLAR BAG	GC/PID
	1985	UPLAND		TEDLAR BAG	GC/PID
	1985	SIMI		TEDLAR/BAG	GC/PID
	1985	SANTA BARBARA		TEDLAR BAG	GC/PID
CA-S.DIEGO					
CA-SCAQMD	1982	WEST COVINA	LOS ANGELES	TEDLAR BAGS	GC/MS
	1985	ANAHEIM	ORANGE	TEDLAR BAG	GC/PID
	1986	ANAHEIM	ORANGE	TEDLAR BAG	GC/PID
	1987	ANAHEIM	ORANGE	TEDLAR BAG	GC/PID
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/PID
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/PID
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/PID
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/PID
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/PID
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/PID
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/PID
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/PID
	1987	LENNOX	LOS ANGELES	TEDLAR BAG	GC/PID
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/PID
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/PID
DE	1985	DELAWARE CITY		GLASS BULBS	GC/PID
IL	1983	CHICAGO	COOK CO.	CRYOGENIC TRAP	GC/MS/MS
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
	1984	BRAINTREE		DIRECT	MS-MS
	1984	CHELSEA		DIRECT	MS-MS
	1984	CHARLESTOWN		DIRECT	MS-MS
	1984	LAWRENCE		DIRECT	MS-MS
	1985	CHARLESTOWN		ADSORBING CARTRIDGE (TENAX)	GC-PID

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
BENZENE (71-43-2)					
MA	1984	WOBURN		DIRECT	MS-MS
	1984	TYNGSBOROGH		DIRECT	MS-MS
	1984	WORCESTER		DIRECT	MS-MS
	1984	CHELSEA		DIRECT	MS
	1985	BILLERICA		TENAX TRAP	GC-MS, GC-PID
	1985	WOBURN		TENAX TRAP	GC-MS
	1986	CHARLESTOWN		TENAX TRAPS	GC-MS, GC-PID, GC-FID
	1986	CHELSEA		TENAX TRAPS	GC-FID
	1986	NEW BEDFORD		TENAX TRAPS	GC-PID, GC-MS, GC-FID
	1986	WORCESTER		TENAX TRAPS	GC-MS
	1987	CHARLESTOWN		TENAX TRAP	GC-FID
	1987	CHELSEA		TENAX TRAPS	GC-FID
	1987	QUINCY		TENAX TRAPS	GC-FID
	1987	COHASSET		TENAX TRAPS	GC-MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
MN	1986	VARIOUS		BAGS	PHOTOIONIZATION GC
NH	1983	EPPING	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/GCECD/PID
	1983	AUBURN	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/GCECD/PID
	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/GCECD/PID
	1983	SALEM	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/GCECD/PID
	1983	MANCHESTER	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCFID/GCECD/PID
	1983	CONCORD	MERRIMACK CO.	DI/TENAX/CHARCOAL	GCFID/GCECD/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1984	LAS VEGAS	CLARK CO	BAG SAMPLES (4 HRS)	GC-MS
	1984	LAS VEGAS		BAG SAMPLES	GC/MS
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	CHARCOAL	GC
RI	1985	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC	GC/MS
	1986	PROVIDENCE	PROVIDENCE	CARBOPAC	GC/MS
	1987	COVENTRY	KENT	CARBOPAC	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC	GC/MS
	1987	PROVIDENCE	PROVIDENCE	CARBOPAC	GC/MS
SC	1985	RICHLAND		CHARCOAL TUBE	GC-FID
	1985	LEXINGTON		CHARCOAL TUBE	GC-FID
TN CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
BENZENE (71-43-2)					
TX	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC/MS
BENZO(A)PYRENE (50-32-8)					
MD	1985	BALTIMORE		HIGH VOLUME AIR SAMPLE	SPECTROFLUORAMETRY
NN	1983	STATEWIDE		HIGH-VOLUME SAMPLER	EPA-NFAN
NJ	1982	ASBURY PARK		ADSORBING RESIN	TLC+HPCC W/UV
	1982	BAYONNE		ADSORBING RESIN	TLC+HPCC W/UV
	1982	BRIDGETON		ADSORBING RESIN	TLC+HPCC W/UV
	1982	BURLINGTON		ADSORBING RESIN	TLC+HPCC W/UV
	1982	ATLANTIC CITY		ADSORBING RESIN	TLC+HPCC W/UV
	1982	CAMDEN		ADSORBING RESIN	TLC+HPCC W/UV
	1982	WOODBURY		ADSORBING RESIN	TLC+HPCC W/UV
	1982	FRENCHTOWN		ADSORBING RESIN	TLC+HPCC W/UV
	1982	CARTERET		ADSORBING RESIN	TLC+HPCC W/UV
	1982	HACKENSACK		ADSORBING RESIN	TLC+HPCC W/UV
	1982	HACKETTSTOWN		ADSORBING RESIN	TLC+HPCC W/UV
	1982	HOBOKEN		ADSORBING RESIN	TLC+HPCC W/UV
	1982	JERSEY CITY		ADSORBING RESIN	TLC+HPCC W/UV
	1982	METUCHEN		ADSORBING RESIN	TLC+HPCC W/UV
	1982	CHEESEQUAKE ST. PARK		ADSORBING RESIN	TLC+HPCC W/UV
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH-VOLUME SAMPLING	HPLC
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
BENZO(E)PYRENE (192-97-2)					
TX					
BENZYL CHLORIDE (100-44-7)					
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
BERYLLIUM (7440-41-7)					
CA	1985	BAKERSFIELD		HI-VOL	AA/GRAPHITE
	1985	CITRUS HEIGHTS		HI-VOL	AA/GRAPHITE
	1985	CONCORD		HI-VOL	AA/GRAPHITE
	1985	EL CAJON		HI-VOL	AA/GRAPHITE
	1985	FREMONT		HI-VOL	AA/GRAPHITE
	1985	FRESNO		HI-VOL	AA/GRAPHITE
	1985	LONG BEACH		HI-VOL	AA/GRAPHITE
	1985	LOS ANGELES		HI-VOL	AA/GRAPHITE
	1985	MERCED		HI-VOL	AA/GRAPHITE

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
BERYLLIUM (7440-41-7)					
CA	1985	MODESTO		HI-VOL	AA/GRAPHITE
	1985	PICO RIVERA		HI-VOL	AA/GRAPHITE
	1985	PITTSBURG		HI-VOL	AA/GRAPHITE
	1985	RICHMOND		HI-VOL	AA/GRAPHITE
	1985	RUBIDOUX		HI-VOL	AA/GRAPHITE
	1985	SAN FRANCISCO		HI-VOL	AA/GRAPHITE
IL	1983	CHICAGO	COOK CO.	CRYOGENIC TRAP	GC/MS/MS
	1983	PEORIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ELMHURST		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ELGIN		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	BRAIDWOOD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	JOLIET		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	EAST MOLINE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-23RD & MADISON		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-15TH & MADISON		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-ROOSEVELT & ROCK		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	WOOD RIVER		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	EAST ST. LOUIS		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ROCKFORD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	CARBONDALE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	DECATUR		PARTICULATE SAMPLER	ATOMIC ABSORPTION
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
BROMINE (7726-95-6)					
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
BROMODICHLOROMETHANE (75-27-4)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
RI	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
BROMOFORM (75-25-2)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
BROMOFORM (75-25-2)					
CA	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
RI	1986	COVENTRY	KENT	CARBOPAC	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
BUTANONE,2- (78-93-3)					
MA	1984	CHELSEA		DIRECT	MS-MS
	1984	NEW BEDFORD		DIRECT	MS-MS
	1984	LAWRENCE		DIRECT	MS-MS
	1984	WOBURN		DIRECT	MS-MS
	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1984	WOBURN		DIRECT	MS
	1985	SOUTH HADLEY		TENAX TRAP	GC-MS
	1986	WORCESTER		TENAX TRAPS	GC-MS
	1986	WILMINGTON		DIRECT	MS-MS
NH	1979	EPPING	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID/PID
BUTYL ALCOHOL (71-36-3)					
MA	1984	CHICOPEE		DIRECT	MS-MS
	1984	FITCHBURG		DIRECT	MS-MS
	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1984	WOBURN		DIRECT	MS
BUTYLACETATE,N- (123-86-4)					
MA	1984	CHELSEA		DIRECT	MS
	1984	WOBURN		DIRECT	MS
CADMIUM (7440-43-9)					
AZ	1985	AJO		PARTICULATE SAMPLER	FLAME ATOMIC
	1985	DOUGLAS-C.P.		PARTICULATE SAMPLER	ABSORPTION
	1985	DOUGLAS-NNE		PARTICULATE SAMPLER	ABSORPTION
	1985	HAYDEN		PARTICULATE SAMPLER	ABSORPTION
	1985	MIAMI-F.S.		PARTICULATE SAMPLER	ABSORPTION
	1985	MONTEZUMA CASTLE		PARTICULATE SAMPLER	ABSORPTION
	1985	MORENCI		PARTICULATE SAMPLER	ABSORPTION
	1985	SAN MANUEL		PARTICULATE SAMPLER	ABSORPTION
CA	1985	BAKERSFIELD		HI-VOL	AA/FLAME-ACET
	1985	CITRUS HEIGHTS		HI-VOL	AA/FLAME-ACET
	1985	CONCORD		HI-VOL	AA/FLAME-ACET
	1985	EL CAJON		HI-VOL	AA/FLAME-ACET

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
CADMIUM (7440-43-9)					
CA	1985	EL MONTE		HI-VOL	AA/FLAME-ACET
	1985	FREMONT		HI-VOL	AA/FLAME-ACET
	1985	FRESNO		HI-VOL	AA/FLAME-ACET
	1985	LONG BEACH		HI-VOL	AA/FLAME-ACET
	1985	LOS ANGELES		HI-VOL	AA/FLAME-ACET
	1985	MERCED		HI-VOL	AA/FLAME-ACET
	1985	MODESTO		HI-VOL	AA/FLAME-ACET
	1985	PICO RIVERA		HI-VOL	AA/FLAME-ACET
	1985	PITTSBURG		HI-VOL	AA/FLAME-ACET
	1985	RICHMOND		HI-VOL	FLAME-ACET
	1985	RUBIDOUX		HI-VOL	AA/FLAME-ACET
	1985	SAN FRANCISCO		HI-VOL	AA/FLAME-ACET
IL	1983	CHICAGO	COOK CO.	HIGH VOLUME SAMPLER	ATOMIC ABSORPTION
	1983	PEORIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ELMHURST		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ELGIN		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	BRAIDWOOD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	JOLIET		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	EAST MOLINE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-23RD & MADISON		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-15TH & MADISON		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	GRANITE CITY-ROOSEVELT & ROCK		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	WOOD RIVER		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	EAST ST. LOUIS		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ROCKFORD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	CARBONDALE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	DECATUR		PARTICULATE SAMPLER	ATOMIC ABSORPTION
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MD	1985	BALTIMORE		HIGH VOLUME AIR SAMPLE	FLAME ATOMIC ABSORPTION SPECTRA.
MO-STLUCO	1969	COUNTY-WIDE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1981	W. GLACIER	FLATHEAD	HI-VOL	ATOMIC ABSORPTION
	1981	E. HELENA	LEWIS AND CLARK	HI-VOL	ATOMIC ABORPTION
	1985	E. HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICAP
	1983	HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICAP

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
CADMIUM (7440-43-9)					
MT	1981	ST. MARY'S	GLACIER	HI-VOL	ATOMIC ABSORPTION
	1985	ANACONDA	DEER LODGE	HI-VOL	EMISSION SPECTRA-ICAP
NJ	1986	CAMDEN		INHALABLE PARTICULATE	ATOMIC ABSORPTION
	1986	CLIFTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	CLEVELAND		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
SC	1985	LEXINGTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	RICHLAND		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	CHARLSTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	GREENVILLE		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
CALCIUM (7440-70-2)					
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
CALCIUM HYDROXIDE (1305-62-0)					
NV					
CARBON DISULFIDE (75-15-0)					
NH	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	SALEM	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
CARBON TETRACHLORIDE (56-23-5)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1985	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD
	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
CARBON TETRACHLORIDE (56-23-5)					
CA	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER		TEDLAR BAG	GC/ECD
	1985	LONG BEACH		TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-S.DIEGO					
CA-SCAQMD	1985	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1983	MANCHESTER	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCECD/PID
	1983	CONCORD	MERRIMACK CO.	DI/TENAX/CHARCOAL	GCECD/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1985	LAS VEGAS	CLARK CO	BAG SAMPLES (24 HRS)	GC-MS
	1985	LAS VEGAS		BAG SAMPLES	GC/MS
RI	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE SAGE SORBENT TUBES	GC/MS
CHLORINE (7782-50-5)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	DODGE CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	GOODLAND		PARTICULATE SAMPLER	ION CHROMATOGRAPH

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
CHLORINE (7782-50-5)					
KS	1984	KANSAS CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	TOPEKA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	WICHITA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	AUTO ANALYZER
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
CHLORODIBROMOMETHANE (124-48-1)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
RI	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
CHLOROETHYLVINYLETHER,2- (110-75-8)					
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
CHLOROFORM (67-66-3)					
CA	1984	DOMINGUEZ HILLS		TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1985	LOS ANGELES		TEDLAR BAG	GC/ECD
	1985	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER		TEDLAR BAG	GC/ECD
	1985	SAN DIEGO		TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LONG BEACH		TEDLAR BAG	GC/ECD
	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-SAC.	1986	SACRAMENTO	SACRAMENTO	CHARCOAL TUBE	GC-EC/COUL
CA-SCAQMD	1985	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
CHLOROFORM (67-66-3)					
CA-SCAQMD	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1987	LAS VEGAS	HENDERSON	BAG SAMPLE 24-HOUR	GC/MS
	1985	LAS VEGAS		BAG SAMPLES	GC/MS
RI	1986	COVENTRY	KENT	CARBOPAC	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
CHLOROTOLUENE,O- (95-49-8)					
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
CHLOROTOLUENE,P- (106-43-4)					
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
CHROMIUM (7440-47-3)					
CA	1982	BURBANK	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	BAKERSFIELD	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	CHINA LAKE	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	GLENDORA	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LANCASTER	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LONG BEACH	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	RIVERSIDE	RIVERSIDE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	SACRAMENTO	SACRAMENTO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	YUBA CITY	YUBA CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
CHROMIUM (7440-47-3)					
CA	1983	CHICO	BUTTE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	FRESNO	FRESNO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LOS ANGELES	LOS ANGELES	HI-VOL/LO-VOL	AA/GRAPHITE,XR/FLUORES
	1985	PITTSBURG		HI-VOL	AA/GRAPHITE
	1985	PICO RIVERA		HI-VOL	AA/GRAPHITE
	1985	RUBIDOUX		HI-VOL,LO-VOL	AA/GRAPHITE,XR/FLUORES
	1985	CHULA VISTA		PARTICULATE SAMPLER	XRF
	1985	EL CAJON		PARTICULATE SAMPLER	XRF
	1985	EL MONTE		PARTICULATE SAMPLER	XRF
	1985	SANTA BARBARA		PARTICULATE SAMPLER	XRF
	1985	SIMI		PARTICULATE SAMPLER	XRF
	1985	UPLAND		PARITCULATE SAMPLER	XRF
IL	1983	CHICAGO	COOK CO.	CRYOGENIC TRAP	GC/MS/MS
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MA					
MD	1985	BALTIMORE		HIGH VOLUME AIR SAMPLE	FLAME ATOMIC ABSORPTION SPECTRA.
MN	1980	MINNEAPOLIS		HIGH-VOLUME SAMPLER	ATOMIC ABSORPTION
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1980	MISSOULA	MISSOULA	HI-VOL	ATOMIC ABSORPTION
	1985	ANACONDA	DEER LODGE	HI-VOL	EMISSION SPECTRA-ICAP
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	CLIFTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	CLEVELAND		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
SC	1985	LEXINGTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	RICHLAND		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
CHROMIUM (7440-47-3)					
SC	1985	CHARLSTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	GREENVILLE		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
WI	1985	EAU CLAIRE		HIGH-VOLUME SAMPLER	ATOMIC ABSORPTION
CHRYSENE (218-01-9)					
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
COAL TAR PITCH VOLATILES (8007-45-2)					
NJ	1984	CAMDEN		INHALABLE PARTICULATE SAMPLER	THIN-LAYER & LIQUID CHROMATOGRAPHY
	1984	ELIZABETH		INHALABLE PARTICULATE SAMPLER	THIN-LAYER & LIQUID CHROMATOGRAPHY
	1984	NEWARK		INHALABLE PARTICULATE SAMPLER	THIN-LAYER & LIQUID CHROMATOGRAPHY
	1984	RINGWOOD		INHALABLE PARTICULATE SAMPLER	THIN-LAYER & LIQUID CHROMATOGRAPHY
WI	1986	EAU CLAIRE	EAU CLAIRE	HI-VOL PARTICULATE/PUF SAMPLERS	LC/UV,GC/MS
COBALT (7440-48-4)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
COPPER (7440-50-8)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MO-STLUCO	1969	COUNTY-WIDE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MT	1980	BILLINGS	YELLOWSTONE	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1981	E. HELENA	LEWIS AND CLARK	HI-VOL	ATOMIC ABSORPTION
	1986	E. HELENA	LEWIS AND CLARK	HI-VOL	ATOMIC ABSORPTION
				HI-VOL	EMISSION SPECTRA-ICAP

TABLE 20. AMBIENT MONITORING INFORMATION

POLLUTANT NAME (CAS #) AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
COPPER (7440-50-8)					
MT	1983	HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICAP
	1985	ANACONDA	DEER LODGE	HI-VOL	EMISSION SPECTRA-ICAP
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	CLIFTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	CLEVELAND		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
	1983	BELLEFONTAINE		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
SC	1985	LEXINGTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	RICHLAND		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	CHARLSTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	GREENVILLE		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
CORONENE (191-07-1)					
TX					
CRESOL,P- (106-44-5)					
CA	1985	BAKERSFIELD		TEDLAR BAG	GC/PID
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/PID
	1985	CONCORD		TEDLAR BAG	GC/PID
	1985	FREMONT		TEDLAR BAG	GC/PID
	1985	FRESNO		TEDLAR BAG	GC/PID
	1985	MERCED		TEDLAR BAG	GC/PID
	1985	MODESTO		TEDLAR BAG	GC/PID
	1985	RICHMOND		TEDLAR BAG	GC/PID
	1985	SAN FRANCISCO		TEDLAR BAG	GC/PID
	1985	SAN JOSE		TEDLAR BAG	GC/PID
	1985	STOCKTON		TEDLAR BAG	GC/PID
MO					
CUMENE (101-14-4)					
MI	1981	ADRIAN	LENAWEE CO.	HIGH-VOLUME SAMPLER	GC-ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
CYCLOHEXANONE (108-94-1)					
MA	1984	WOBURN		DIRECT	MS
CYCLOHEXENE (110-83-8)					
AL	1985	EMELLE	SUMTER	H-NU METER	PHOTOIONIZATION
DICHLOROBENZENE,1,2- (95-50-1)					
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
DICHLOROBENZENE,1,3- (541-73-1)					
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
DICHLOROBENZENE,1,4- (106-46-7)					
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
DICHLOROETHANE,1,1- (75-34-3)					
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBE	GC/EC
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
DICHLOROETHYLENE,1,1- (75-35-4)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBE	GC-EC/COUL
CA-SCAQMD	1982	WEST COVINA		TEDLAR BAGS	GC/MS
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-HEDC(HALL)
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1981	NASHUA	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCECD
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
DICHLOROETHYLENE,1,2-,CIS-TRANS- (540-59-0)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
DICHLOROETHYLENE,1,2-,TRANS- (156-60-5)					
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBE	GC/EC
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
DICHLOROPHENOXYACETICACID,2,4- (94-75-7)					
WI	1985	VIROQUA	VERNON	PARTICULATE SAMPLERS	HPLC-UV
DICHLOROPROPANE,1,2- (78-87-5)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
DICHLOROPROPENE,1,3- (542-75-6)					
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
DIETHYLAMINE (109-89-7)					
AL	1985	EMELLE	SUMTER	H-NU METER	PHOTOIONIZATION
DIMETHYLFORMAMIDE,N,N- (68-12-2)					
MA	1983	LOWELL		GRAB SAMPLES/MOBILE	MOBILE MS/GC-PID
	1984	SOUTH HADLEY		DIRECT	MS
	1984	WOBURN		DIRECT	MS
DIOXANE,1,4- (123-91-1)					
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
EPICHLOROHYDRIN (106-89-8)					
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC/MS
	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ETHANOL (64-17-5)					
MA	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1984	CHICOPEE		DIRECT	MS-MS
ETHYL ACETATE (141-78-6)					
MA	1984	SOUTH HADLEY		DIRECT	MS
	1986	WILMINGTON		DIRECT	MS-MS
ETHYL ACRYLATE (INHIBITED) (140-88-5)					
MA	1986	WILMINGTON		DIRECT	MS-MS
ETHYL BENZENE (100-41-4)					
LA	9/85	BATON ROUGE			
	9/85	BATON ROUGE		ABSORBING CARTRIDGE (TENAX)	GC-FID
MA	1985	BILLERICA		TENAX TRAP	GC-MS
	1985	CHARLESTOWN		TENAX TRAPS	GC-MS
	1986	WORCESTER		TENAX TRAPS	GC-MS
	1986	CHARLESTOWN		TENAX TRAPS	GC-PID
	1987	COHASSET		TENAX TRAPS	GC-MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FED/ECD
NV-L.VEGAS	1985	SITE #290320557		BAG SAMPLES (4 HRS)	GC-MS
	1985	LAS VEGAS		BAG SAMPLES	GC/MS
RI	1986	PROVIDNECE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	PROVIDNECE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
ETHYL ETHER (60-29-7)					
NH	1982	NASHUA	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCFID/PID
ETHYLENE DIBROMIDE (106-93-4)					
AR	1976		COLUMBIA CO.	CHARCOAL TRAP	GC-ECD
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ETHYLENE DIBROMIDE (106-93-4)					
CA	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER		TEDLAR BAG	GC/ECD
	1985	LONG BEACH		TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-SCAQMD	1985	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
IN	1984			MULTIPLE SORBENT TUBES/ENVIZOCHEM	BC-FID-EC,DB-5,DB-1701,AFL'NT SPLTR
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSBORING CARTRIDGE (TENAX)	GC-FID/ECD
ETHYLENE DICHLORIDE (107-06-2)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGUEZ HILLS		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ETHYLENE DIBROMIDE (106-93-4)					
CA	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER		TEDLAR BAG	GC/ECD
	1985	LONG BEACH		TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-SCAQMD	1985	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
IN	1984			MULTIPLE SORBENT TUBES/ENVIZOCHEM	BC-FID-EC,DB-5,DB-1701,AFL'NT SPLTR
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSBORING CARTRIDGE (TENAX)	GC-FID/ECD
ETHYLENE DICHLORIDE (107-06-2)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGUEZ HILLS		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ETHYLENE DICHLORIDE (107-06-2)					
CA	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	RICHMOND		TEDLAR BAG	GC/ECD,GC/MS
	1985	SACRAMENTO-13+7		TEDLAR BAG	GC/ECD,GC/MS
	1985	SAN FRANCISCO		TEDLAR BAG	GC/ECD,GC/MS
	1985	SAN JOSE		TEDLAR BAG	GC/ECD,GC/MS
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBE	GC-EC/COUL
CA-SCAQMD	1985	ANAHEIN	LOS ANGELES	TEDLAR BAGS	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIN	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIN	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
IN	1984			MULTIPLE SORBENT TUBES	GC-FID-EC,DB-5,DB-1701 AFL'HT SPLTR
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-NECD
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1987	LAS VEGAS	HENDERSON	BAG SMPLE 24-HOUR	GC/MS
RI	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
ETHYLENE OXIDE (75-21-8)					
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC/MS
	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC/MS
FLUORIDES (16984-48-8)					
MT	1984	RAMSAY	SILVER BOW	VEGETATION	AUTO ANALYZER
	1984	COL. FALLS	FLATHEAD	VEGETATION	AUTO ANALYZER
	1981	RAMSAY	SILVER BOW	CALCIUM PAPER	AUTO ANALYZER
	1983	COL. FALLS	FLATHEAD	CALCIUM PAPER	AUTO ANALYZER
	1982	COL. FALLS	FLATHEAD	SODIUM PLATES	AUTO ANALYZER

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
FLUORIDES (16984-48-8)					
OH	1983	CLEVELAND		SODIUM FORMATE FILTER	ION SPECIFIC ELECTRODE
	1980	CIRCLEVILLE		SODIUM FORMATE FILTER	ION SPECIFIC ELECTRODE
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	SPECIFIC ION ELECTRODE
FLUORINE (7782-41-4)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	DODGE CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	GOODLAND		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	KANSAS CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	TOPEKA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	WICHITA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
FLUOROTRICHLOROMETHANE (75-69-4)					
NV-L.VEGAS	1985	SITE #290320557	CLARK CO	BAG SAMPLES	GC-MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
FORMALDEHYDE (50-00-0)					
CA-BAAQMD	1980	LIVERMORE		BUBBLER	
	1980	PETALUMA		BUBBLER	
	1980	PITTSBURG		BUBBLER	
	1980	SAN FRANCISCO		BUBBLER	
	1980	SAN JOSE		BUBBLER	
MA					
NJ					
NV-L.VEGAS	1984	HENDERSON		BUBBLER TRAIN	HPLC
	PRES	LAS VEGAS	CLARK CO.	BUBBLER TRAIN	HPLC
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	AQUEOUS(BUBBLER)	COLORIMETRIC
SC	1983	HAMPTON		1% NA BISULFITE	CHROMATROPIC ACID
	1983	AIKEN		1% NA BISULFITE	CHROMATROPIC ACID
TN-MEMPHIS	1985	MEMPHIS		CHROMATROPIC ACID	UV VISIBLE
	1986	MEMPHIS		CHROMATROPIC ACID	UV VISIBLE
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC/MS
WA-OLYMPIA	1983	ABERDEEN/GRAYS HARBOR		MINATURE IMPINGERS	CHROMOTROPIC ACID (COLORIMETRIC)
WI	1985	HAYWRD	SAWYER	CONTINUOUS	COLORIMETRIC WET CHEM ANALYZER
	1985	MARSHFIELD	WOOD	CONTINUOUS	COLORIMETRIC WET CHEM ANALYZER
	1985	WISCONSIN RAPIDS	WOOD	CONTINUOUS	COLORIMETRIC WET CHEM ANALYZER
HEPTANE (142-82-5)					
MA	1986	WILMINGTON		DIRECT	MS-MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
HEXANE,N- (110-54-3)					
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
NH	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	SALEM	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
HYDROCARBONS (CL-HCARB)					
OK-TULSA	1984		TULSA CO.	SUMO POLISHED CANNISTERS	GC WITH CRYOGENIC PRE-CONCENTRATION
HYDROGEN FLUORIDE (7664-39-3)					
SC	1985	SPARTANBURG		DOUBLE TAPE SAMPLER	SELECTIVE ION ELECTRODE
	1985	ANDERSON		DOUBLE TAPE SAMPLER	SELECTIVE ION ELECTRODE
	1985	AIKEN		DOUBLE TAPE SAMPLER	SELECTIVE ION ELECTRODE
	1985	AIKEN		DOUBLE TAP SAMPLER	SELECTIVE ION ELECT.
HYDROGEN SULFIDE (7783-06-4)					
CO	1985	DURANGO		CONTINUOUS SAMPLING PUMP	PULSED FLUORESENCE
MI	1984	OTTER LAKE	LAPEER CO.	BECKMAN 953, SO2 MONITOR W/MLI CONV	GC-ECD
NH	1983	SALEM	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	PID
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	CONTINUOUS MONITORING	COULIMETRIC
TN-MEMPHIS	1981	MEMPHIS		BUBBLER	UV VISIBLE
WI	1985	WEST ALLIS	MILWAUKEE	LIQUID IMPINGER	SPECTROPHOTOMETRIC
	1985	RINGLE	MARATHON	LIQUID IMPINGER	SPECTROPHOTOMETRIC
WY	1987		WASHAKIE CO.	TAPE SAMPLER	WET CHEM/TRANSMITTANCE
	1986	CASPER		TAPE SAMPLER	WET CHEM/TRANSMITTANCE
IODINE (7553-56-2)					
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
IRON (15438-31-0)					
IL	1983	PEORIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ALSIP		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ARLINGTON HEIGHTS		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	BLUE ISLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	CALUMET CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	CICERO		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	DES PLAINES		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	FLOSSMOOR		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	HARVEY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	LEMONT		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	LYONS		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	MAYWOOD		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	NILES		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	PALATINE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	RIVER FOREST		PARTICULATE SAMPLER	ATOMIC ABSORPTION

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
IRON (15438-31-0)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MO-STLUCO	1969	COUNTY-WIDE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	CLIFTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
LEAD POWDER (7439-92-1)					
CA	1982	BURBANK	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	BAKERSFIELD	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	CHINA LAKE	INYO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	GLENDORA	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LANCASTER	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LONG BEACH	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	RIVERSIDE	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	SACRAMENTO	SACRAMENTO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	YUBA CITY	YUBA CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1983	CHICO	BUTTE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1983	FRESNO	FRESNO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	CHULA VISTA		LO-VOL	XR/FLUORES
	1985	CITRUS HEIGHTS		LO-VOL	XR/FLUORES
	1985	CONCORD		LO-VOL	XR/FLUORES
	1985	EL CAJON		LO-VOL	XR/FLUORES
	1985	EL MONTE		PARTICULATE SAMPLER	XRF
	1985	LOS ANGELES		PARTICULATE SAMPLER	XRF
	1985	RUBIDOUX		PARTICULATE SAMPLER	XRF
	1985	SANTA BARBARA		PARTICULATE SAMPLER	XRF

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
LEAD POWDER (7439-92-1)					
CA	1985	SIMI		PARTICULATE SAMPLER	XRF
	1985	UPLAND		PARTICULATE SAMPLER	XRF
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	CLEVELAND		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
	1984	BELLEFONTAINE		HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
MANGANESE (7439-96-5)					
CA	1982	BURBANK	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	BAKERSFIELD	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	CHINA LAKE	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	GLENDORA	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LANCASTER	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LONG BEACH	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	RIVERSIDE	RIVERSIDE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	SACRAMENTO	SACRAMENTO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	YUBA CITY	YUBA CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1983	CHICO	BUTTE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	FRESNO	FRESNO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	EL MONTE		LO VOL	XR/FLUORES
	1985	CHULA VISTA		LO-VOL	XR/FLUORES
	1985	CITRUS HEIGHTS		HI-VOL,LO-VOL	AA/FLAME-ACET,XR/FLUORES
	1985	CONCORD		HI-VOL,LO-VOL	AA/FLAME-ACET,XR/FLUORES
	1985	EL CAJON		PARTICULATE SAMPLER	XRF
	1985	LOS ANGELES		PARTICULATE SAMPLER	XRF
	1985	RUBIDOUX		PARTICULATE SAMPLER	XRF
	1985	SANTA BARBARA		PARTICULATE SAMPLER	XRF
	1985	SIMI		PARTICULATE SALPLER	XRF
	1985	UPLAND		PARTICULATE SAMPLER	XRF
IL	1983	PEORIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1983	ALSIP		PARTICULATE SAMPLER	ATOMIC ABSORPTION
KS	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MO-STLUCO	1969	COUNTY-WIDE		PARTICULATE SAMPLER	ATOMIC ABSORPTION

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
MANGANESE (7439-96-5)					
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1981	E. HELENA	LEWIS AND CLARK	HI-VOL	ATOMIC ABSORPTION
	1986	E. HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICAP
	1983	HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICA
	1983	RIVER FOREST		PARTICULATE SAMPLER	ATOMIC ABSORPTION
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MO-STLUCO	1969	COUNTY-WIDE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
MERCURY (7439-97-6)					
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
WI	1986	LAKE GENEVA	WALWORTH	PRECIPITATION COLLECTORS	FLAMELESS AA
	1985	BOULDER JUNCTION	VILAS	PRECIPITATION COLLECTORS	FLAMELESS AA
	1985	SURING	OCONTO	PRECIPITATION COLLECTORS	FLAMELESS AA
METALLIC COMPOUNDS (CL-METAL)					
TN-MEMPHIS	1981	MEMPHIS		HI VOL	AA

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
METHANOL (67-56-1)					
MA	1984	SOUTH HADLEY		DIRECT	MS
	1984	FITCHBURG		DIRECT	MS-MS
	1984	CHICOPEE		DIRECT	MS-MS
METHOXYETHANOL,2- (109-86-4)					
MA	1984	SOUTH HADLEY		DIRECT	MS
METHYL BROMIDE (74-83-9)					
CA	1984	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1984	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
METHYL CHLORIDE (74-87-3)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1985	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	SAN FRANCISCO		TEDLAR BAG	GC/ECD
	1985	SAN JOSE		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI VALLEY		TEDLAR BAG	GC/ECD
	1985	STOCKTON		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
	1985	SACRAMENTO		TEDLAR BAG	GC/ECD
	1985	MODESTO		TEDLAR BAG	GC/ECD
METHYLENE CHLORIDE (75-09-2)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LONG BEACH		TEDLAR BEACH	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
METHYLENE CHLORIDE (75-09-2)					
CA	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
IN	1984			MULTIPLE SORBENT TUBES/ENVIZOCHEN	GC-FID-EC,DB-5,DB-1701,AFF'NT SPLTR
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-HEDC(HALL)
MA	1985	FITCHBURG		TENAX TRAPS	GC-MS
	1985	SOUTH HADLEY		TENAX TRAPS	GC-MS
	1985	WOBURN		TENAX TRAPS	GC-MS
	1987	CONASSET		TENAX TRAPS	GC-MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1981	EPPING	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID/GCECD/PID
	1981	NASHUA	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCFID/GCECD/PID
	1981	AUBURN	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID/GCECD/PID
	1981	SALEM	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID/GCECD/PID
	1981	MANCHESTER	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCFID/GCECD/PID
	1981	CONCORD	MERRIMACK CO.	TENAX/CHARCOAL	GCFID/GCECD/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
RI	1986	COVENTRY	KENT	CARBOPAC	GC/MS
	1987	E PROVIDENCE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
METHYLENEDIANILINE,4,4'- (101-77-9)					
WI	1985	PRAIRIE DU CHIEN	CRAWFORD	PARTICULATE SAMPLERS	HPLC-UV
METHYLPENTANONE,4-,2- (108-10-1)					
MA	1984	FITCHBURG		DIRECT	MS-MS
	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1984	WOBURN		DIRECT	MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
NH	1983	EPPING	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID/PID
	1983	NORTH HAMPTON	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID/PID
METHYLPYRIDINE,2- (109-06-8)					
IN	1984			MULTIPLE SORBENT TUBES	GC-FID-EC,DB-5,DB-1701 AFL'NT SPLTR
METHYLPYRIDINE,4- (108-89-4)					
IN	1984			MULTIPLE SORBENT TUBES	GC-FID-EC,DB-5,DB-1701 AFL'NT SPLTR

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
MOLYBDENUM (7439-98-7)					
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
MONOCHLOROBENZENE (108-90-7)					
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1985	SITE #290260007	CLARK CO	BAG SAMPLES (24 HRS)	GC-MS
	1985	LAS VEGAS		BAG SAMPLES	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
NICKEL (7440-02-2)					
CA	1982	BURBANK	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	BAKERSFIELD	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	CHINA LAKE	KERN CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	GLENDORA	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LANCASTER	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	LONG BEACH	LOS ANGELES CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	RIVERSIDE	RIVERSIDE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	SACRAMENTO	SACRAMENTO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1984	YUBA CITY	YUBA CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1983	CHICO	BUTTE CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	FRESNO	FRESNO CO.	PARTICULATE SAMPLER	X-RAY FLUORESCENCE
	1985	EL MONTE		LO-VOL	XR/FLUORESENCE
	1985	CHULA VISTA		LO-VOL	XR/FLUORESENCE
	1985	CITRUS HEIGHTS		HI-VOL,LO-VOL	AA/GRAPHITE,XR/FLUORESENCE
	1985	CONCORD		HI-VOL,LO-VOL	AA/GRAPHITE,XR/FLUORESENCE
	1985	EL CAJON		PARTICULATE SAMPLER	XRF
	1985	LOS ANGELES		PARTICULATE SAMPLER	XRF
	1985	RUBIDOUX		PARTICULATE SAMPLER	XRF
	1985	SANTA BARBARA		PARTICULATE SAMPLER	XRF
	1985	SIMI		PARTICULATE SAMPLER	XRF
	1985	UPLAND		PARTICULATE SAMPLER	XRF
IL	1983	CHICAGO	COOK CO.	HIGH VOLUME SAMPLER	ATOMIC ABSORPTION
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984			PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA	SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
NICKEL (7440-02-2)					
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1980	MISSOULA	MISSOULA	HI-VOL	ATOMIC ABSORPTION
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	CLIFTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
OH	1983	CLEVELAND		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH-VOLUME SAMPLING	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
				HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
NICKEL POWDER (7440-02-0)					
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
NITRATES (CL-NITRATE)					
AZ	1985	AJO	PIMA CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	BISBEE	COCHISE CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	CLARKDALE	YAVAPAI CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	DOUGLAS-C.P.	COCHISE CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	DOUGLAS-NNE	COCHISE CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	FLAGSTAFF	COCONINO CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	GRAND CANYON-N.P.	COCONINO CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	HAYDEN-JAIL	GILA CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	JOSEPH CITY	NAVAJO CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	MIAMI-FIRE STATION	GILA CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	MONTEZUMA CASTLE	YAVAPAI CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	MORENCI	GREENLEE CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	NELSON	YAVAPAI CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	NOGALES	SANTA CRUZ CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
	1985	ORGAN PIPE	PIMA CO.	PARTICULATE SAMPLER	CADMIUM REDUCTION
IL	1983	PEORIA		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	ALSIP		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	ARLINGTON HEIGHTS		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	BLUE ISLAND		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
NITRATES (CL-NITRATE)					
IL	1983	CALUMET CITY		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	CICERO		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	DES PLAINES		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	FLOSSMOOR		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	HARVEY		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	LEMONT		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	LYONS		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	MAYWOOD		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	NILES		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	PALATINE		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	RIVER FOREST		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1984	DODGE CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	GOODLAND		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	KANSAS CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	TOPEKA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	WICHITA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
MD					
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	REDUCTION DIAZO COUPLING
	1980	GREAT FALLS	CASCADE	HI-VOL	REDUCTION DIAZO COUPLING
	1980	BUTTE	SILVER BOW	HI-VOL	REDUCTION DIAZO COUPLING
	1983	SCOBEY	DANIELS	HI-VOL	REDUCTION DIAZO COUPLING
	1982	BIGFORK	FLATHEAD	HI-VOL	REDUCTION DIAZO COUPLING
	1984	KALISPELL	FLATHEAD	HI-VOL	REDUCTION DIAZO COUPLING
	1983	POLSON	LAKE	HI-VOL	REDUCTION DIAZO COUPLING
	1982	AIRPORT	FLATHEAD	HI-VOLT	REDUCTION DIAZO COUPLING
	1980	MISSOULA	MISSOULA	HI-VOL	REDUCTION DIAZO COUPLING
	1985	W. GLACIER	FLATHEAD	HI-VOL	REDUCTION DIAZO COUPLING
	1983	POLEBRIDGE	FLATHEAD	HI-VOL	REDUCTION DIAZO COUPLING
	1983	WHITEFISH	FLATHEAD	HI-VOL	REDUCTION DIAZO COUPLING
	1985	ST. MARY'S	GLACIER	HI-VOL	REDUCTION DIAZO COUPLING
	1983	RONAN	LAKE	HI-VOL	REDUCTION DIAZO COUPLING
	1982	SWAN LAKE	LAKE	HI-VOL	REDUCTION DIAZO COUPLING
	1986	MISSOULA	MISSOULA	HI-VOL	REDUCTION DIAZO COUPLING
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	AUTO ANALYZER
SD	1978	PIERRE	HUGHES	PARTICULATE SAMPLER	AUTO ANALYZER
	1978	LEMMON	PERKINS	PARTICULATE SAMPLER	AUTO ANALYZER
TN-MEMPHIS	1981	MEMPHIS		HI VOL	UV VISIBLE
NITRIC OXIDE (10102-43-9)					
MO-STLUCO	1979	COUNTY-WIDE			CHEMILUMINESCENCE

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
NITROBENZENE (98-95-3)					
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTARIDGE (TENAX)	GC-FID/ECD
OCTANE (111-65-9)					
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
ORGANIC COMPOUNDS (CL-ORGANIC)					
CT		RAYMARK		REAL TIME LO VOL	MSMS
		STRATFORD		REAL TIME LO VOL	MSMS
IN-INNAP	1985	INDIANAPOLIS		PARTICULATE SAMPLER	SOXHLET EXTRACTION
MN	1986	VARIOUS		BAGS	PHOTOIONIZATION GC
PENTANE (109-66-0)					
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
NH	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID
PEROXYACETYLNITRATE (2278-22-0)					
NV-L.VEGAS	1987	HENDERSON	CLARK CO.	CONTINUOUS	GC
PEROXYBENZOYLNITRATE (32368-69-7)					
NV-L.VEGAS	1984	HENDERSON		IMPINGER	GC
PESTICIDES (CL-PEST)					
TN-MEMPHIS	1984	MEMPHIS		PUF SAMPLING	EPA 608
PHENOL (108-95-2)					
MA	1983	LOWELL		GRAB SAMPLES/MOBILE	MOBILE MS/GC-PID
PHOSPHOROUS (YELLOW) (7723-14-0)					
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
PHTHALIC ANHYDRIDE (85-44-9)					
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	BUBBLER TRAIN	UV ABSORPTION
PICOLINE,BETA- (108-99-6)					
IN	1984			MULTIPLE SORBENT TUBES	GC-FID-EC,DB-5,DB-1701 AFL'NT SPLTR
POLYCHLORINATED BIPHENYL (AROCLOR 1242) (53469-21-9)					
IL	1983	CHICAGO	COOK CO.	HIGH VOLUME SAMPLER	GC/ECD
SC	1983	RICHLAND		PUF SOLID SORBENT	GC/ECD
	1983	LEXINGTON		PUF SOLID SORBENT	GC/ECD
WI	1985	SURING	OCONTO	PRECIPITATION COLLECTORS	GC-EDC

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
POLYCYCLIC AROMATIC COMPOUNDS (CL-PAH)					
WI	1985	EAU CLAIRE	EAU CLAIRE	HI-VOL PARTICULATE PUF SAMPLERS	LC-UV, GC-MS
POLYCYCLIC ORGANIC MATTER (CL-POM)					
SC	1985	LEXINGTON		PUF SOLID SORBENT	GC-ECD
POTASSIUM (7440-09-7)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
PROPYL ALCOHOL (71-23-8)					
MA	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1984	WOBURN		DIRECT	MS
	1984	CHICOPEE		DIRECT	MS-MS
PYRENE (129-00-0)					
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
	1985	WEST ORANGE		HIGH VOLULME SAMPLER	GC-FID/ECD/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC-FID/ECD/MS
PYRIDINE (110-86-1)					
IN	1984			MULTIPLE SORBENT TUBES/ENVIZOCHEM	GC-FID-EC,DB-5,DB-1701,AFL'MT SPLTR
RADON (10043-92-2)					
OK-TULSA	1986		TULSA CO.	TRACK-ETCH	MICROSCOPIC
SELENIUM COMPOUNDS, AS SE (7782-49-2)					
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE
SILVER (7440-22-4)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
SILVER (7440-22-4)					
KS	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MT					
STYRENE (100-42-5)					
AR	1984		PULASKI CO.	TENAX	GC-FID-PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1981	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSBORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1985	SITE 290320557	HENDERSON	BAG SAMPLE 24-HOUR	GC/MS
SULFATES (CL-SULFATE)					
AZ	1985	AJO	PIMA CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	BISBEE	COCHISE CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	CLARKDALE	YAVAPAI CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	DOUGLAS-C.P.	COCHISE CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	DOUGLAS-NNE	COCHISE CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	FLAGSTAFF	COCONINO CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	GRAND CANYON-H.P.	COCONINO CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	HAYDEN-JAIL	GILA CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	JOSEPH CITY	NAVAJO CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	MIAMI-FIRE STATION	GILA CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	MONTEZUMA CASTLE	YAVAPAI CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	MORENCI	GREENLEE CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	NELSON	YAVAPAI CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	NOGALES	SANTA CRUZ CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
	1985	ORGAN PIPE	PIMA CO.	PARTICULATE SAMPLER	BARIUM CHLORIDE/TURBIDIMETRIC
IL	1983	PEORIA		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	ALSIP		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	ARLINGTON HEIGHTS		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	BLUE ISLAND		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	CALUMET CITY		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	CICERO		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	DES PLAINES		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	FLOSSMOOR		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	HARVEY		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	LEMONT		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	LYONS		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	MAYWOOD		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	NILES		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
SULFATES (CL-SULFATE)					
IL	1983	PALATINE		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
	1983	RIVER FOREST		PARTICULATE SAMPLER	ION EXCHANGE CHROMATOGRAPHY
MD					
MN	1979	STATEWIDE		HIGH-VOLUME SAMPLER	ELECTRON MICROSCOPE
MT	1983	SCOBEY	DANIELS	HI-VOL	COLORMETRIC
	1982	BIGFORK	FLATHEAD	HI-VOL	COLORMETRIC
	1982	AIRPORT	FLATHEAD	HI-VOL	COLORMETRIC
	1985	W. GLACIER	FLATHEAD	HI-VOL	COLORMETRIC
	1984	KALISPELL	FLATHEAD	HI-VOL	COLORMETRIC
	1983	POLSON	LAKE	HI-VOL	COLORMETRIC
	1983	ROMAN	LAKE	HI-VOL	COLORMETRIC
	1983	MISSOULA	MISSOULA	HI-VOL	COLORMETRIC
	1983	POLEBRIDGE	FLATHEAD	HI-VOL	COLORMETRIC
	1981	WHITEFISH	FLATHEAD	HI-VOL	COLORMETRIC
	1985	ST. MARY'S	GLACIER	HI-VOL	COLORMETRIC
	1982	SWAN LAKE	LAKE	HI-VOL	COLORMETRIC
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	AUTO ANALYZER
SD	1978	PIERRE	HUGHES	PARTICULATE SAMPLER	AUTO ANALYZER
	1978	LEMMON	PERKINS	PARTICULATE SAMPLER	AUTO ANALYZER
TN-MEMPHIS	1981	MEMPHIS		HI VOL	UV VISIBLE
SULFITES (CL-SULFITE)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	DODGE CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	GOODLAND		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	KANSAS CITY		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	TOPEKA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
	1984	WICHITA		PARTICULATE SAMPLER	ION CHROMATOGRAPH
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P- (1746-01-6)					
IL	1983	CHICAGO	COOK CO.	HIGH VOLUME SAMPLER	GC/MS/MS
TETRACHLOROETHANE,1,1,2,2- (79-34-5)					
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TETRACHLOROETHYLENE (127-18-4)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
TETRACHLOROETHYLENE (127-18-4)					
CA	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1984	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LONG BEACH		TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-S.DIEGO					
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBES	GC-EC/COUL
CA-SCAQMD	1985	ANAHEIMVINA	LOS ANGELES	TEDLAR BAGS	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1988	7ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
	1985	CHARLESTOWN		ADSORBING CARTRIDGE (TENAX)	GC-PID
	1985	BILLERICA		TENAX TRAP	GC-MS
	1985	WOBURN		TENAX TRAP	GC-MS
	1986	CHARLESTOWN		TENAX TUBES	GC-PID, GC-MS
	1986	WORCESTER		TENAX TUBES	GC-MS
	1987	COHASSET		TENAX TRAPS	GC-MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1983	EPPING	ROCKINGHAM	DI/TENAX/CHARCOAL	GCFID/GCECD/PID

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
TETRACHLOROETHYLENE (127-18-4)					
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1987	LAS VEGAS	HENDERSON	BAG SAMPLE 24-HOUR	GC/MS
RI	1985	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PROVIDNECE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
TETRAHYDROFURAN (109-99-9)					
NH	1981	NASHUA	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCFID
TOLUENE (108-88-3)					
AL	1985	EMELLE	SUMTER	H-NU METER	PHOTOIONIZATION
AR	1984		PULASKI CO.	TENAX	GC-FID-PID
CA	1985	BAKERSFIELD		TEDLAR BAG	GC/PID
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/PID
	1985	CONCORD		TEDLAR BAG	GC/PID
	1985	FREMONT		TEDLAR BAG	GC/PID
	1985	FRESNO		TEDLAR BAG	GC/PID
	1985	MERCED		TEDLAR BAG	GC/PID
	1985	MODESTO		TEDLAR BAG	GC/PID
	1985	RICHMOND		TEDLAR BAG	GC/PID
	1985	SAN FRANCISCO		TEDLAR BAG	GC/PID
	1985	SAN JOSE		TEDLAR BAG	GC/PID
	1985	STOCKTON		TEDLAR BAG	GC/PID
IL	1983	CHICAGO	COOK CO.	CRYOGENIC TRAP	GC/MS/MS
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
	1985	CHARLESTOWN		ADSORBING CARTRIDGE (TENAX)	GC-PID
	1984	BRAINTREE		DIRECT	MS-MS
	1984	CHARLESTOWN		DIRECT	MS-MS
	1984	CHELSEA		DIRECT	MS-MS
	1984	LAWRENCE		DIRECT	MS-MS
	1984	WOBURN		DIRECT	MS-MS
	1984	TYNGSBOROUGH		DIRECT	MS-MS
	1984	NEW BEDFORD		DIRECT	MS-MS
	1984	SOUTH HADLEY		DIRECT	MS
	1984	CHELSEA		DIRECT	MS
	1985	BILLERICA		TENAX TRAP	GC-MS, GC-PID

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
POLLUTANT NAME (CAS #)					
TOLUENE (108-88-3)					
MA	1985	FITCHBURG		TENAX TRAP	GC-MS
	1985	SOUTH HADLEY		TENAX TRAP	GC-MS
	1985	WOBURN		TENAX TRAP	GC-MS
	1986	CHARLESTOWN		TENAX TRAP	GC-PID, GC-FID, GC-MS
	1985	CHELSEA		TENAX TRAPS	GC-PID, GC-FID
	1986	NEW BEDFORD		TENAX TRAPS	GC-FID, GC-MS
	1986	WORCESTER		TENAX TRAPS	GC-MS, GC-FID
	1986	WILMINGTON		DIRECT	MS-MS
	1987	CHARLESTOWN		TENAX TRAPS	GC-FID
	1987	CHELSEA		TENAX TRAPS	GC-FID
	1987	QUINCY		TENAX TRAPS	GC-FID
	1987	COHASSET		TENAX TRAPS	GC-MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
MN	1986	VARIOUS		BAGS	PHOTOIONIZATION GC
NH	1983	EPPING	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	NASHUA	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	AUBURN	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	SALEM	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	MANCHESTER	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCFID/PID
	1983	CONCORD	MERRIMACK CO.	DI/TENAX/CHARCOAL	GCFID/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GS-FID/ECD
NV-L.VEGAS	1985	HENDERSON		BAG SAMPLES	GC/MS
	1984	LAS VEGAS		BAG SAMPLES (4 HRS)	GC/MS
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	CHARCOAL	GC
RI	1985	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PROVIDENCE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TOLUENE,24,DIISOCYANATE (584-84-9)					
WI	1985	PRAIRIE DU CHIEN	CRAWFORD	LIQUID IMPINGER	HPLC-UV
TOLUENEDIISOCYANATE,2,6- (91-08-7)					
WI	1985	PRAIRE DU CHIEN	CRAWFORD	LIQUID IMPINGER	HPLC/UV

TABLE 20. AMBIENT MONITORING INFORMATION

POLLUTANT NAME (CAS #) AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
TRICHLOROETHANE,1,1,1- (71-55-6)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1985	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD
	1985	SAN DIEGO		TEDLAR BAG	GC/ECD
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LONG BEACH	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBES	GC-EC/COUL
CA-SCAQMD	1985	ANAHEIM	LOS ANGELES	TEDLAR BAGS	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1983	EPPING	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCECD/PID
	1983	NASHUA	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCECD/PID
	1983	AUBURN	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCECD/PID
	1983	NORTH HAMPTON	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCECD/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
TRICHLOROETHANE,1,1,1- (71-55-6)					
NV-L.VEGAS	1987	LAS VEGAS	HENDERSON	BAG SMPLE 24-HOUR	GC/MS
RI	1986	PROVIDNECE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
	1987	PROVIDENCE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TRICHLOROETHANE,1,1,2- (79-00-5)					
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TRICHLOROETHYLENE (79-01-6)					
CA	1985	LOS ANGELES	LOS ANGELES CO.	TEDLAR BAG	GC/ECD
	1985	EL MONTE		TEDLAR BAG	GC/ECD
	1984	DOMINGEUZ		TEDLAR BAG	GC/ECD
	1985	RIVERSIDE		TEDLAR BAG	GC/ECD
	1985	BAKERSFIELD		TEDLAR BAG	GC/ECD,GC/MS
	1985	CHULA VISTA		TEDLAR BAG	GC/ECD
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/ECD,GC/MS
	1985	EL CAJON		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
	1985	FRESNO		TEDLAR BAG	GC/ECD,GC/MS
	1985	LANCASTER		TEDLAR BAG	GC/ECD
	1985	LONG BEACH		TEDLAR BAG	GC/ECD
	1985	MERCED		TEDLAR BAG	GC/ECD,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/ECD,GC/MS
	1985	RUBIDOUX		TEDLAR BAG	GC/ECD
	1985	SANTA BARBARA		TEDLAR BAG	GC/ECD
	1985	SIMI		TEDLAR BAG	GC/ECD
	1985	UPLAND		TEDLAR BAG	GC/ECD
CA-S.DIEGO					
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBES	GC-EC/COUL
CA-SCAQMD	1985	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
TRICHLOROETHYLENE (79-01-6)					
CA-SCAQMD	1986	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	BURBANK	LOS ANGGELES	TEDLAR BAG	GC/ECD
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/ECD
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/ECD
IN	1984			MULTIPLE SORBENT TUBES/ENVIZOCHEM	GC-FID-EC,DB-5,DB-1701,AFF'NT SPLTR
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS
	1984	BRAINTREE		DIRECT	MS-MS
	1984	NEW BEDFORD		DIRECT	MS-MS
	1984	WORCESTER		DIRECT	MS-MS
	1986	CHARLESTOWN		TENAX TRAP	GC-PID
	1986	NEW BEDFORD		TENAX TRAPS	GC-PID
	1986	WORCESTER		TENAX TRAPS	GC-MS
	1986	WILMINGTON		DIRECT	MS-MS
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-HECD
NH	1983	AUBURN	ROCKINGHAM CO.	DI/TENAX/CHARCOAL	GCECD/PID
	1983	MANCHESTER	HILLSBOROUGH CO.	DI/TENAX/CHARCOAL	GCECD/PID
	1983	CONCORD	MERRIMACK CO.	DI/TENAX/CHARCOAL	GCECD/PID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
RI	1985	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TRICHLOROTRIFLUOROETHENE,1-M (26523-64-8)					
IN	1984			MULTIPLE SORBENT TUBES/ENVIZOCHEM	GC-FID-EC,DB-5,DB-1701,AFL'NT SPLTR
TRICHLOROTRIFLUOROMETHANE,1,1,2- (76-13-1)					
CA-SAC.	1986	SACRAMENTO	SACRAMENTO CO.	CHARCOAL TUBES	GC-EC/COUL
MA	1982	LOWELL		CHARCOAL TUBES	GC-PID; GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
VANADIUM (7440-62-2)					
MT	1980	BILLINGS	YELLOWSTONE	HI-VOL	ATOMIC ABSORPTION
	1980	GREAT FALLS	CASCADE	HI-VOL	ATOMIC ABSORPTION
	1980	BUTTE	SILVER BOW	HI-VOL	ATOMIC ABSORPTION
	1980	MISSOULA	MISSOULA	HI-VOL	ATOMIC ABSORPTION
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
VINYL CHLORIDE (75-01-4)					
AL	1985	EMELLE	SUMTER	H-NU METER	PHOTOIONIZATION
CA	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/ECD
	1985	CONCORD		TEDLAR BAG	GC/ECD
	1985	FREMONT		TEDLAR BAG	GC/ECD
CA-SCAQMD	OK84	CARSON	LONG BEACH CO.	TEDLAR BAGS	GC/MS
	1984	WEST COVINA	LOS ANGELES	TEDLAR BAGS	GC/MS
	1985	ANAHEIM	ORANGE	TEDLAR BAG	GC/FID
	1985	AZUSA	LOS ANGELES	TEDLAR BAG	GC/FID
	1985	BURBANK	LOS ANGELES	TEDLAR BAG	GC/FID
	1985	LENNOX	LOS ANGELES	TEDLAR BAG	GC/FID
	1986	ANAHEIM	ORANGE	TEDLAR BAG	GC/FID
	1986	AZUSA	LOS ANGELES	TEDLAR BAG	GC/FID
	1986	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/FID
	1986	LENNOX	LOS ANGELES	TEDLAR BAG	GC/FID
	1987	ANAHEIM	LOS ANGELES	TEDLAR BAG	GC/FID
	1987	AZUSA	LOS ANGELES	TEDLAR BAG	GC/FID
	1987	BURBANK	LOS ANGELES	TEDLAR BAG	GC/FID
	1987	HAWTHORNE	LOS ANGELES	TEDLAR BAG	GC/FIC
	1987			TEDLAR BAG	GC/FID
DE	1985	DELAWARE CITY		GLASS BULBS	GC/PID
NJ	1982	CAMDEN		LOVOL - SPHEROCARB CARTRIDGES	GC-FID/ECD
	1982	ELIZABETH		LOVOL - SPHEROCARB CARTRIDGES	GC-FID/ECD
	1982	NEWARK		LOVOL - SPHEROCARB CARTRIDGES	GC-FID/ECD
TX	1985	HOUSTON		HIGH VOLUME SAMPLER	GC/MS
	1985	TEXAS CITY		HIGH VOLUME SAMPLER	GC/MS
	1985	WEST ORANGE		HIGH VOLUME SAMPLER	GC/MS
	1985	BEAUMONT		HIGH VOLUME SAMPLER	GC/MS
VOLATILE ORGANIC COMPOUNDS (CL-VOC)					
NV-L.VEGAS	1983	HENDERSON	CLARK CO.	CYLINDER	
	1983	LAS VEGAS	CLARK CO.		
WI	1985	GREEN BAY	BROWN	TENAX CARTRIDGES	GC-MS

TABLE 20. AMBIENT MONITORING INFORMATION

POLLUTANT NAME (CAS #) AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
XYLENE (1330-20-7)					
CA	1985	BAKERSFIELD		TEDLAR BAG	GC/PID,GC/MS
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/PID,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/PID,GC/MS
	1985	FREMONT		TEDLAR BAG	GC/PID,GC/MS
	1985	FRESNO		TEDLAR BAG	GC/PID,GC/MS
	1985	MERCED		TEDLAR BAG	GC/PID,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/PID,GC/MS
	1985	RICHMOND		TEDLAR BAG	GC/PID,GC/MS
	1985	SACRAMENTO-13+T		TEDLAR BAG	GC/PID,GC/MS
	1985	SAN FRANCISCO		TEDLAR BAG	GC/PID,GC/MS
	1985	SAN JOSE		TEDLAR BAG	GC/PID,GC/MS
	1985	STOCKTON		TEDLAR BAG	GC/PID,GC/MS
IL	1983	CHICAGO	COOK CO.	CRYOGENIC TRAP	GC/MS/MS
IN	1984			MULTIPLE SORBENT TUBES	GC-FID-EC,DB-5,DB-1701 AFL'NT SPLTR
LA	9/85	BATON ROUGE		ADSORBING CARTRIDGE (TENAX)	GC-FID
MA	1985	CHARLESTOWN		ADSORBING CARTRIDGE (TENAX)	GC-PID
	1985	CHARLESTOWN		ADSORBING CARTRIDGE (TENAX)	GC-PID
	1985	BILLERICA		TENAX TRAP	GC-MS, GC-PID
	1985	BILLERCIA		TEFLON FILTER	PCM, SEM
	1986	CHARLESTOWN		TENAX TRAP	GC-PID, GC-FID, GC-MS
	1986	NEW BEDFORD		TENAX TRAPS	GC-PID, GC-FID, GC-MS
	1986	CHELSEA		TENAX TRAPS	GC-FID
	1986	WORCESTER		TENAX TRAPS	GC-FID, GC-MS
	1986	WILMINGTON		DIRECT	MS-MS
	1987	CHARLESTOWN		TENAX TRAPS	GC-FID
	1987	CHELSEA		TENAX TRAPS	GC-FID
	1987	QUINCY		TENAX TRAPS	GC-FID
	1987	COHASSET		TENAX TRAPS	GC-MS
NH	1981	EPPING	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID
	1981	NASHUA	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCFID
	1981	AUBURN	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID
	1981	SALEM	ROCKINGHAM CO.	TENAX/CHARCOAL	GCFID
	1981	MANCHESTER	HILLSBOROUGH CO.	TENAX/CHARCOAL	GCFID
	1981	CONCORD	MERRIMACK CO.	TENAX/CHARCOAL	GCFID
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1985	SITE #290320557	HENDERSON	BAG SAMPLES 24-HRS	GC/MS
	1985	LAS VEGAS		BAG SAMPLES	GC/MS
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	CHARCOAL	GC
SC	1983	BERKELEY		CHARCOAL TUBE	GC/FID
	1983	CALHOUN		CHARCOAL TUBE	GC/FID

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
XYLENE,M- (108-38-3)					
CA	1985	BAKERSFIELD		TEDLAR BAG	GC/PID
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/PID
	1985	CONCORD		TEDLAR BAG	GC/PID
	1985	FREMONT		TEDLAR BAG	GC/PID
	1985	FRESNO		TEDLAR BAG	GC/PID
	1985	MERCED		TEDLAR BAG	GC/PID
	1985	MODESTO		TEDLAR BAG	GC/PID
	1985	RICHMOND		TEDLAR BAG	GC/PID
	1985	SAN FRANCISCO		TEDLAR BAG	GC/PID
	1985	SAN JOSE		TEDLAR BAG	GC/PID
	1985	STOCKTON		TEDLAR BAG	GC/PID
MD	1985	BALTIMORE		MULTISTAGE SORBENT TUBE	GC-FID
NJ	1982	CAMDEN		TENAX SPHERCOARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
RI	1986	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC	GC/MS
	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDNECE	CARBOPAC SORBENT	GC/MS
XYLENE,O- (95-47-6)					
CA	1985	BAKERSFIELD		TEDLAR BAG	GC/PID,GC/MS
	1985	CITRUS HEIGHTS		TEDLAR BAG	GC/PID,GC/MS
	1985	CONCORD		TEDLAR BAG	GC/PID,GC/MS
	1985	FREMONT		TEDLAR BAG	GC/PID,GC/MS
	1985	FRESNO		TEDLAR BAG	GC/PID,GC/MS
	1985	MERCED		TEDLAR BAG	GC/PID,GC/MS
	1985	MODESTO		TEDLAR BAG	GC/PID,GC/MS
	1985	RICHMOND		TEDLAR BAG	GC/PID,GC/MS
	1985	SACRAMENTO		TEDLAR BAG	GC/PID,GC/MS
	1985	SAN FRANCISCO		TEDLAR BAG	GC/PID,GC/MS
	1985	SAN JOSE		TEDLAR BAG	GC/PID,GC/MS
	1985	STOCKTON		TEDLAR BAG	GC/PID,GC/MS
NJ	1982	CAMDEN		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	ELIZABETH		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
	1982	NEWARK		ADSORBING CARTRIDGE (TENAX)	GC-FID/ECD
NV-L.VEGAS	1985	HENDERSON		BAG SAMPLES	GC/MS
	1985	LAS VEGAS		BAG SAMPLES	GC/MS
RI	1986	PROVIDNECE	PROVIDNECE	CARBOPAC SORBENT	GC/MS
	1987	PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1986	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS
	1987	COVENTRY	KENT	CARBOPAC SORBENT	GC/MS

TABLE 20. AMBIENT MONITORING INFORMATION

AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
XYLENE,O- (95-47-6)					
RI	1987	E PROVIDENCE	PROVIDENCE	CARBOPAC SORBENT	GC/MS
	1987	PAWTUCKET	PROVIDENCE	CARBOPAC SORBENT	GC/MS
XYLENE,P- (106-42-3)					
NJ	1982	CAMDEN		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	ELIZABETH		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
	1982	NEWARK		TENAX SPHEROCARB	GAS CHROMATOGRAPHY
ZINC (7440-66-6)					
KS	1984	CONCORDIA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	DODGE CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	GOODLAND		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	KANSAS CITY		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984		SHAWNEE CO.	PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	TOPEKA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	WICHITA		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MO-STLUCO	1969	COUNTY-WIDE		PARTICULATE SAMPLER	ATOMIC ABSORPTION
MT	1981	E. HELENA	LEWIS AND CLARK	HI-VOL	ATOMIC ABSORPTION
	1986	E. HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICAP
	1983	HELENA	LEWIS AND CLARK	HI-VOL	EMISSION SPECTRA-ICAP
	1985	ANACONDA	DEER LODGE	HI-VOL	EMISSION SPECTRA-ICAP
NJ	1986	CAMDEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	CLIFTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	ELIZABETH		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	FAIR LAWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	JERSEY CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEWARK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	NEW BRUNSWICK		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PEDRICKTOWN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	PENNSAUKEN		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1984	RINGWOOD		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	TRENTON		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
	1986	UNION CITY		INHALABLE PARTICULATE SAMPLER	ATOMIC ABSORPTION
PA-PITT.	1984	PITTSBURGH	ALLEGHENY CO.	HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
SC	1985	LEXINGTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	RICHLAND		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	CHARLSTON		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
	1985	GREENVILLE		HIGH VOLUME SAMPLING	ATOMIC ABSORPTION
TN-CHAT.	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
	1986	CHATTANOOGA	HAMILTON	SINGLE STAGE SORBENT TUBES	GC/MS
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCENCE

TABLE 20. AMBIENT MONITORING INFORMATION

POLLUTANT NAME (CAS #) / AGENCY	YEAR	LOCATION / CITY	COUNTY	SAMPLING TECHNIQUE	ANALYTICAL METHOD
ZIRCONIUM COMPOUNDS, AS ZR (7440-67-2)					
TX	PRES	VARIOUS		HIGH-VOLUME SAMPLER	X-RAY FLUORESCEN-CE-

SECTION 9

GENERAL PERMITTING AND SOURCE TESTING INFORMATION

State and local agencies have provided to the Clearinghouse general information about their permitting and source testing activities. The general information includes:

PERMITTING

- Total number of facilities permitted to specifically control air toxics emissions;
- Number of permitted facilities registered in the Clearinghouse;
- Whether or not permits are renewed; and
- permit renewal period (in years).

SOURCE TESTING

- Total number of source tests conducted for air toxics evaluation; and
- Number of source tests registered in the Clearinghouse.

Table 21 summarizes this information as available in the data base. The reader should address any questions or requests for additional information on general permitting and source testing information to the permitting or source testing contacts identified in Table 2 in Section 2.

TABLE 21. GENERAL PERMITTING AND SOURCE TESTING INFORMATION

	PERMITTING				SOURCE TESTING	
AGENCY	NUMBER PERMITTED	NUMBER REGISTERED IN NATICH	PERMITS RENEWED	RENEWAL PERIOD (YEARS)	NUMBER TESTED	NUMBER REGISTERED IN NATICH
AL		9				2
AZ-PIGICO	14		Y	1		
CA						13
CA-SCAQMD						28
CA-SAC.		21				5
CA-BUTTE	1	2	Y	1		
CO						2
CT			Y			1
GA		29				7
IA		8				6
ID		5				
IL		252				
IN-INNAP		1				
IN-VIGO			Y	2		
KY						11
MD		2				2
MI		1				4
MN		6			24	19
MO						1
MS		19				3
MT		2				6
NC		1	N			
NC-WNC			Y	2		
NJ		11				4
NV-L.VEGAS		4				4
NY		16583				
OH	30	2	Y	3		
OH-NOVAA	2		Y	3		
OK-TULSA			N			1
OR		6				16
OR-LANE	1	2	Y	3		2
PA			Y	5		
RI		1	Y	3	1	2
SC		1				2
SD		1			1	1
TN-CHAT.		84	Y	1		7
TX		9064				7
VT						2
WA						2
WA-PUGET	10	26	N			20
WA-OLYMPIA		1				1
WA-SWEST					1	1
WI		6				1
WY		6	N			

SECTION 10

PERMITTING INFORMATION

State and local agencies usually control non-criteria pollutant emissions through source permitting. The Clearinghouse has established a registry of permitted sources of air toxics which includes data on pollutant emissions, emission limits, and control equipment. This information can be used for purposes such as determining what non-criteria pollutants might be emitted by a specific facility, identifying potentially applicable control equipment/requirements for a particular facility, or prioritizing facilities for permitting or other air toxics control decisions.

Tables 22 and 23 present a subset of the information collected to date on facilities permitted by States or localities. Because more than 26,000 permitted facilities are registered in the Clearinghouse, these tables include only those permits identified by State and local agencies as notable (unique or of particular interest to other agencies). In Table 22, the information is organized alphabetically by the pollutant name. Table 23 presents the same information organized by Standard Industrial Classification (SIC) Code of the permitted facilities in numerical order. Unclassified (by SIC Code) permitting data submitted to the Clearinghouse is listed under 0000.

Each permit case is identified in Tables 22 and 23 with an internally-generated access number. A more complete description of each permit case can be found in Appendix A, in consecutive order by access number. Appendix A provides information for each permit case on the agency, permitting contact and phone number, permit ID number, facility category, SIC Code, year permit issued, last year amended, control equipment, Source Classification Codes (SCC) as available, and pollutant names, CAS numbers, emission limits, source of emissions, and comments. Please note that a permitted emission limit of 0.0000 in Tables 22 and 23 may not necessarily mean 0. It may mean that the limit was not submitted or that the concentration is less than 0.0001 (1/10,000).

Due to space limitations on Tables 22 and 23, units of measure have been abbreviated to a maximum of six characters. These abbreviations are explained as follows:

Unit Abbreviation	Unabbreviated Unit
Trace	Not measured; 0.001 lb/hr
#/HR-3	Pounds per hour to the 10^{-3}
#/HR-6	Pounds per hour to the 10^{-6}
#/M#	Pounds per 1000 pounds of input
#/GAL	Pounds per gallon

LB/T	Pounds per ton
LB/HR	Pounds per hour
#/DAY or LB/DAY	Pounds per day
TNS/YR	Tons per year
G/S	Grams per second
GMS/HR	Grams per hour
MG/M3	Milligrams per cubic meter
GR/SCF	Grains per 100 dry standard cubic feet
PPM	Parts per million
1% OEL	1 Percent of the Occupational Exposure Limit
TBD	To be determined

The reader should address any questions or requests for additional information about the permits identified in Tables 22 and 23 to the permitting contacts identified in Appendix A or Table 2 in Section 2. The permit ID number identified in Appendix A should be used as a reference to a specific permit case in any communications with the State or local agency that issued the permit. If, however, the permit ID number begins with the letters "CL", it was assigned by the Clearinghouse for record keeping purposes and has no connection with the records kept by the State or local agency that issued the permit.

TABLE 22. SELECTED PERMITTING INFORMATION BY POLLUTANT NAME

SIC	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
ACETONE (67-64-1)						
2834	BULK PHARMACEUTICAL MFG.		GA	3.0700	LBS/HR	73726
ACRYLAMIDE (79-06-1)						
2821	POLYMER PLANT	3-01-018-22	WY	0.0000	G/S	73724
	POLYMER PLANT	3-01-018-22	WY	0.0000	G/S	73721
2869	CHEMICAL TRANSFER STATION	3-01-830-01	WY	0.0000	G/S	73723
ACRYLONITRILE (107-13-1)						
2819	CHEMICAL PROCESSING		GA	0.0000	NOCT	73808
2821	POLYMER PLANT	3-01-018-22	WY	0.0000	G/S	73724
	POLYMER PLANT	3-01-018-22	WY	0.0001	G/S	73721
2869	CHEMICAL TRANSFER STATION	3-01-830-01	WY	0.0000	G/S	73723
ALACHLOR (15972-60-8)						
2879	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	43.8000	LBS/YR	73733
AMIBEN (133-90-4)						
2879	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.1000	GR/SCF	73732
AMMONIA (7664-41-7)						
2819	CHEMICAL PROCESSING		GA	145.0000	GMS/HR	73808
2821	POLYMER PLANT	3-01-018-22	WY	0.0010	G/2	73724
	POLYMER PLANT	3-01-018-22	WY	0.0034	G/S	73721
2834	BULK PHARMACEUTICAL MFG.		GA	3.8100	LBS/HR	73726
2873	NITROGENOUS FERTILIZER PLANT (WYCON)	3-01-027-11	WY	22.2000	LBS/HR	73719
2874	PHOSPHATIC FERTILIZER PLANT (CHEVRON)	3-01-030-02	WY	750.0000	LBS/HR	73720
3674	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73771
	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
ARSENIC AND COMPOUNDS AS AS (7440-38-2)						
2879	CHEMICAL MANUFACTURE: ARSENIC ACID	3-01-033-99	WY	0.0008	G/S	73722
	CCA MIX PLANT		GA	0.2300	GMS/HR	73807
ARSINE (7784-42-1)						
3674	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
ASPHALT (PETROLEUM) FUMES (8052-42-4)						
2952	ASPHALT SATURATOR	3-05-001-04	WA-PUGET	40.0000	G/MG	73745
	ASPHALT SATURATOR	3-05-001-04	WA-PUGET	40.0000	G/MG	73765
BENZENE (71-43-2)						
4613	PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73763
	PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73743
4953	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707

TABLE 22. SELECTED PERMITTING INFORMATION BY POLLUTANT NAME

POLLUTANT NAME / SIC	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
BENZENE (71-43-2)						
4959	SOIL CLEANUP (COMMERCIAL POLLUTION)		CA-SAC.	2.0000	LB/DAY	98975
	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0010	LB/DAY	73712
BENZO(A)PYRENE (50-32-8)						
3241	PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000	TBD	73772
	PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
CADMIUM (7440-43-9)						
3241	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
	PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
CHLORINE (7782-50-5)						
3674	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
CHLOROFORM (67-66-3)						
2869	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	21.0000	LB/DAY	98983
4959	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	8.0000		73713
	GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.0800	LB/DAY	73710
	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0030	LB/DAY	73712
CHROMATE, (CRO42-) (13907-45-4)						
2879	CCA MIX PLANT		GA	0.0200	GMS/HR	73807
CHROMIUM (7440-47-3)						
3241	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
	PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
COPPER (7440-50-8)						
3241	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
	PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
COPPER OXIDE, (CUO) (1317-38-0)						
2879	CCA MIX PLANT		GA	10.0000	GMS/HR	73807
DICHLOROETHANE,1,1- (75-34-3)						
4959	GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.2000	LB/DAY	73710
DICHLOROETHYLENE,1,1- (75-35-4)						
4953	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707

TABLE 22. SELECTED PERMITTING INFORMATION BY POLLUTANT NAME

POLLUTANT NAME / SIC	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
DICHLOROETHYLENE,1,1- (75-35-4)						
4959	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.2000		73713
	GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.2000	LB/DAY	73710
	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0750	LB/DAY	73712
DICHLOROETHYLENE,1,2-,TRANS- (156-60-5)						
4959	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0000		73713
ETHANOL (64-17-5)						
2834	BULK PHARMACEUTICAL MFG.		GA	5.8700	LBS/HR	73726
ETHYL ACETATE (114-78-6)						
2834	BULK PHARMACEUTICAL MFG.		GA	4.4900	LBS/HR	73726
ETHYLENE DICHLORIDE (107-06-2)						
2869	CHEMICAL MFG. (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	22.0000	LB/DAY	98982
4959	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0001	LB/DAY	73712
	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	2.0000	LB/DAY	73713
ETHYLENEIMINE (151-56-4)						
2869	CHEMICAL MFG. (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000		98981
FLUORIDES (16984-48-8)						
3079	PLASTIC BOTTLE BLOW MOLDING		IA	2.5000	MG/M3	99893
FORMALDEHYDE (50-00-0)						
2821	RESIN MANUFACTURING	3-01-999-99	CA-SAC.	3.4000	LB/DAY	73711
GASOLINE (8006-61-9)						
4613	PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73743
	PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73763
HEPTANE (142-82-5)						
2834	BULK PHARMACEUTICAL MFG.		GA	2.3000	LBS/HR	73726
HYDRAZINE (302-01-2)						
3674	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
HYDROGEN CHLORIDE (7647-01-0)						
2810	INDUSTRIAL INORGANIC CHEMICALS		IA	0.6400	TN/YR	73729
	INDUSTRIAL INORGANIC CHEMICALS		IA	0.2700	LBS/HR	73730

TABLE 22. SELECTED PERMITTING INFORMATION BY POLLUTANT NAME

SIC	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
HYDROGEN CHLORIDE (7647-01-0)						
3674	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
HYDROGEN CYANIDE (74-90-8)						
2824	GRAPHITE FIBRE MANUFACTURING	3-01-999-99	CA-SAC.	100.0000	PPM	98973
HYDROGEN FLUORIDE (7664-39-3)						
3674	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
3724	FINAL METAL FINISHING		GA	0.6500	LB/HR	73699
LEAD POWDER (7439-92-1)						
3241	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
METHANOL (67-56-1)						
2834	BULK PHARMACEUTICAL MFG.		GA	1.8200	LBS/HR	73726
METHYLENE CHLORIDE (75-09-2)						
4953	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
4959	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0140	LB/DAY	73712
MONOMETHYLAMINE (74-89-5)						
2819	CHEMICAL PROCESSING		GA	0.0000	MC/DCT	73808
NAPHTHALENE (91-20-3)						
2491	WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73769
	WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73748
	WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73749
	WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73768
NITRIC ACID (7697-37-2)						
3724	FINAL METAL FINISHING		GA	0.6500	LB/HR	73699
OLIVINE (1317-71-1)						
2952	ASPHALT ROOFING MANUFACTURE	3-05-001-98	WA-PUGET	0.0000		73767
PHOSGENE (75-44-5)						
2869	CHEMICAL MFG. (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000		98981
PHOSPHINE (7803-51-2)						
3674	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
PROPYLAMINE (107-10-8)						
2819	CHEMICAL PROCESSING		GA	40.0000	GMS/HR	73808

TABLE 22. SELECTED PERMITTING INFORMATION BY POLLUTANT NAME

POLLUTANT NAME / SIC / FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
SILANE (7803-62-5)					
3674 SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
TETRACHLOROETHYLENE (127-18-4)					
4953 LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
4959 GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0030	LB/DAY	73712
TETRAHYDROFURAN (109-99-9)					
2834 BULK PHARMACEUTICAL MFG.		GA	4.6000	LBS/HR	73726
TOLUENE (108-88-3)					
2869 CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	11.4000	LB/DAY	98984
TRICHLOROETHANE,1,1,1- (71-55-6)					
2952 ASPHALT SATURATOR		WA-PUGET	0.0000		73765
3724 FINAL METAL FINISHING		GA	2.3000	LB/HR	73699
TRICHLOROETHYLENE (79-01-6)					
4953 LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
4959 GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	30.0000	LB/DAY	73713
GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.3000	LB/DAY	73710
GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0310	LB/DAY	73712
TRICHLOROTRIFLUOROMETHANE,1,1,2- (76-13-1)					
4959 GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	3.8000	LB/DAY	73710
TRIMETHYLPHENYL N-METHYLCARBAMATE (58784-13-7)					
2879 PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.0600	GR/SCF	73731
VINYL CHLORIDE (75-01-4)					
4953 LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
4959 GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0040	LB/DAY	73712
XYLENE (1330-20-7)					
2819 RESIN PRODUCTION		GA	0.6500	LBS/HR	73725
ZINC (7440-66-6)					
3241 PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772

TABLE 23. SELECTED PERMITTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
2491 (WOOD PRESERVING)							
NAPHTHALENE	91-20-3	WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73749
		WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73748
		WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73768
		WOOD PRESERVING	3-07-005-01	WA-PUGET	0.0000		73769
2810 (INDUSTRIAL INORGANIC CHEMICALS)							
HYDROGEN CHLORIDE	7647-01-0	INDUSTRIAL INORGANIC CHEMICALS		IA	0.6400	TN/YR	73729
		INDUSTRIAL INORGANIC CHEMICALS		IA	0.2700	LBS/HR	73730
2819 (INDUSTRIAL INORGANIC CHEMICALS, NEC)							
ACRYLONITRILE	107-13-1	CHEMICAL PROCESSING		GA	0.0000	NO/DCT	73808
AMMONIA	7664-41-7	CHEMICAL PROCESSING		GA	145.0000	GMS/HR	73808
MONOMETHYLAMINE	74-89-5	CHEMICAL PROCESSING		GA	0.0000	NC/DCT	73808
PROPYLAMINE	107-10-8	CHEMICAL PROCESSING		GA	40.0000	GMS/HR	73808
XYLENE	1330-20-7	RESIN PRODUCTION		GA	0.6500	LBS/HR	73725
2821 (PLASTICS MATERIALS AND RESINS)							
ACRYLAMIDE	79-06-1	POLYMER PLANT	3-01-018-22	WY	0.0000	G/S	73724
		POLYMER PLANT	3-01-018-22	WY	0.0000	G/S	73721
ACRYLONITRILE	107-13-1	POLYMER PLANT	3-01-018-22	WY	0.0000	G/S	73724
		POLYMER PLANT	3-01-018-22	WY	0.0001	G/S	73721
AMMONIA	7664-41-7	POLYMER PLANT	3-01-018-22	WY	0.0010	G/2	73724
		POLYMER PLANT	3-01-018-22	WY	0.0034	G/S	73721
FORMALDEHYDE	50-00-0	RESIN MANUFACTURING	3-01-999-99	CA-SAC.	3.4000	LB/DAY	73711
2824 (ORGANIC FIBERS, NONCELLULOSIC)							
HYDROGEN CYANIDE	74-90-8	GRAPHITE FIBRE MANUFACTURING	3-01-999-99	CA-SAC.	100.0000	PPM	98973
2834 (PHARMACEUTICAL PREPARATIONS)							
ACETONE	67-64-1	BULK PHARMACEUTICAL MFG.		GA	3.0700	LBS/HR	73726
AMMONIA	7664-41-7	BULK PHARMACEUTICAL MFG.		GA	3.8100	LBS/HR	73726
ETHANOL	64-17-5	BULK PHARMACEUTICAL MFG.		GA	5.8700	LBS/HR	73726
ETHYL ACETATE	114-78-6	BULK PHARMACEUTICAL MFG.		GA	4.4900	LBS/HR	73726
HEPTANE	142-82-5	BULK PHARMACEUTICAL MFG.		GA	2.3000	LBS/HR	73726
METHANOL	67-56-1	BULK PHARMACEUTICAL MFG.		GA	1.8200	LBS/HR	73726
TETRAHYDROFURAN	109-99-9	BULK PHARMACEUTICAL MFG.		GA	4.6000	LBS/HR	73726
2869 (INDUSTRIAL ORGANIC CHEMICALS, NEC)							
ACRYLAMIDE	79-06-1	CHEMICAL TRANSFER STATION	3-01-830-01	WY	0.0000	G/S	73723
ACRYLONITRILE	107-13-1	CHEMICAL TRANSFER STATION	3-01-830-01	WY	0.0000	G/S	73723
CHLOROFORM	67-66-3	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	21.0000	LB/DAY	98983

TABLE 23. SELECTED PERMITTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
2869 (INDUSTRIAL ORGANIC CHEMICALS, NEC)							
ETHYLENE DICHLORIDE	107-06-2	CHEMICAL MFG. (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	22.0000	LB/DAY	98982
ETHYLENEIMINE	151-56-4	CHEMICAL MFG. (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000		98981
PHOSGENE	75-44-5	CHEMICAL MFG. (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000		98981
TOLUENE	108-88-3	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	11.4000	LB/DAY	98984
2873 (NITROGENOUS FERTILIZERS)							
AMMONIA	7664-41-7	NITROGENOUS FERTILIZER PLANT (WYCON)	3-01-027-11	WY	22.2000	LBS/HR	73719
2874 (PHOSPHATIC FERTILIZERS)							
AMMONIA	7664-41-7	PHOSPHATIC FERTILIZER PLANT (CHEVRON)	3-01-030-02	WY	750.0000	LBS/HR	73720
2879 (AGRICULTURAL CHEMICALS, NEC)							
ALACHLOR	15972-60-8	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	43.8000	LBS/YR	73733
AMIBEN	133-90-4	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.1000	GR/SCF	73732
ARSENIC AND COMPOUNDS AS AS	7440-38-2	CHEMICAL MANUFACTURE: ARSENIC ACID	3-01-033-99	WY	0.0008	G/S	73722
		CCA MIX PLANT		GA	0.2300	GMS/HR	73807
CHROMATE, (CRO42-)	13907-45-4	CCA MIX PLANT		GA	0.0200	GMS/HR	73807
COPPER OXIDE, (CUO)	1317-38-0	CCA MIX PLANT		GA	10.0000	GMS/HR	73807
TRIMETHYLPHENYL N-METHYLCAR	58784-13-7	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.0600	GR/SCF	73731
2952 (ASPHALT FELTS AND COATINGS)							
		ASPHALT ROOFING MANUFACTURE		WA-PUGET	0.0000		73747
ASPHALT (PETROLEUM) FUMES	8052-42-4	ASPHALT SATURATOR	3-05-001-04	WA-PUGET	40.0000	G/MG	73765
		ASPHALT SATURATOR	3-05-001-04	WA-PUGET	40.0000	G/MG	73745
OLIVINE	1317-71-1	ASPHALT ROOFING MANUFACTURE	3-05-001-98	WA-PUGET	0.0000		73767
TRICHLOROETHANE,1,1,1-	71-55-6	ASPHALT SATURATOR		WA-PUGET	0.0000		73765
3079 (MISCELLANEOUS PLASTICS PRODUCTS)							
FLUORIDES	16984-48-8	PLASTIC BOTTLE BLOW MOLDING		IA	2.5000	MG/M3	99893
3241 (CEMENT, HYDRAULIC)							
BENZO(A)PYRENE	50-32-8	PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000	TBD	73772
		PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
CADMIUM	7440-43-9	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
		PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
CHROMIUM	7440-47-3	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
		PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
COPPER	7440-50-8	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
		PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752

TABLE 23. SELECTED PERMITTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
3241 (CEMENT, HYDRAULIC)							
LEAD POWDER	7439-92-1	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
ZINC	7440-66-6	PORTLAND CEMENT PLANT		WA-PUGET	0.0000	TBD	73772
		PORTLAND CEMENT PLANT	3-05-006-06	WA-PUGET	0.0000		73752
3674 (SEMICONDUCTORS AND RELATED DEVICES)							
AMMONIA	7664-41-7	SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73771
		SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
ARSINE	7784-42-1	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
		SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
CHLORINE	7782-50-5	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
		SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
HYDRAZINE	302-01-2	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
		SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
HYDROGEN CHLORIDE	7647-01-0	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
		SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
HYDROGEN FLUORIDE	7664-39-3	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
		SEMICONDUCTOR MANUFACTURE	3-04-020-99	WA-PUGET	0.0000		73751
PHOSPHINE	7803-51-2	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
SILANE	7803-62-5	SEMICONDUCTOR MANUFACTURE		WA-PUGET	0.0000		73771
3724 (AIRCRAFT ENGINES AND ENGINE PARTS)							
HYDROGEN FLUORIDE	7664-39-3	FINAL METAL FINISHING		GA	0.6500	LB/HR	73699
NITRIC ACID	7697-37-2	FINAL METAL FINISHING		GA	0.6500	LB/HR	73699
TRICHLOROETHANE,1,1,1-	71-55-6	FINAL METAL FINISHING		GA	2.3000	LB/HR	73699
4613 (REFINED PETROLEUM PIPE LINES)							
BENZENE	71-43-2	PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73743
		PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73763
GASOLINE	8006-61-9	PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73743
		PIPELINE FOR REFINED PETROLEUM		WA-PUGET	0.0000		73763
4953 (REFUSE SYSTEMS)							
BENZENE	71-43-2	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
DICHLOROETHYLENE,1,1-	75-35-4	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
METHYLENE CHLORIDE	75-09-2	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
TETRACHLOROETHYLENE	127-18-4	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
TRICHLOROETHYLENE	79-01-6	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
VINYL CHLORIDE	75-01-4	LANDFILL GAS RECOVERY		CA-SAC.	0.0000	LB/DAY	73707
4959 (SANITARY SERVICES, NEC)							
BENZENE	71-43-2	SOIL CLEANUP (COMMERCIAL POLLUTION)		CA-SAC.	2.0000	LB/DAY	98975

TABLE 23. SELECTED PERMITTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	LIMIT	UNIT	ACC #
4959 (SANITARY SERVICES, NEC)							
		GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0010	LB/DAY	73712
CHLOROFORM	67-66-3	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	8.0000		73713
		GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0030	LB/DAY	73712
		GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.0800	LB/DAY	73710
DICHLOROETHANE,1,1-	75-34-3	GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.2000	LB/DAY	73710
DICHLOROETHYLENE,1,1-	75-35-4	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.2000		73713
		GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0750	LB/DAY	73712
		GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.2000	LB/DAY	73710
DICHLOROETHYLENE,1,2-,TRANS	156-60-5	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0000		73713
ETHYLENE DICHLORIDE	107-06-2	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	2.0000	LB/DAY	73713
		GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0001	LB/DAY	73712
METHYLENE CHLORIDE	75-09-2	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0140	LB/DAY	73712
TETRACHLOROETHYLENE	127-18-4	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0030	LB/DAY	73712
TRICHLOROETHYLENE	79-01-6	GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	30.0000	LB/DAY	73713
		GROUNDWATER CLEANUP (INDUSTRIAL POLLUTION)		CA-SAC.	0.0310	LB/DAY	73712
		GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	0.3000	LB/DAY	73710
TRICHLOROTRIFLUOROMETHANE,1	76-13-1	GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)		CA-SAC.	3.8000	LB/DAY	73710
VINYL CHLORIDE	75-01-4	GROUNDWATER CLEANUP		CA-SAC.	0.0040	LB/DAY	73712

SECTION 11

SOURCE TESTING INFORMATION

Many States and localities conduct emissions testing for non-criteria air pollutants as part of their air toxics control program. Tables 24 and 25 present information collected to date on facilities tested by States or localities. As in the permitting information tables, these source testing information tables contain only those source tests identified by State and local agencies as notable (unique or of particular interest to other agencies.) In Table 24, the information is organized alphabetically by pollutant name. Table 25 presents the same information organized by Standard Industrial Classification Code (SIC) of the tested facilities in numerical order. Unclassified (by SIC Code) source testing data submitted to the Clearinghouse is listed under 0000.

Each source test reported in this section is identified in Tables 24 and 25 with an internally-generated access number. A more complete description of each source test can be found in Appendix B, in consecutive order by access number. Appendix B provides information for each source test on the agency, source testing contact and phone number, the test ID number, facility category, SIC Code, test date, sampling technique and analytical method, Source Classification Codes (SCC) as available, and pollutant names, CAS numbers, emission rates, location of measurement, and comments. Please note that a measured emission rate of 0.0000 in Tables 24 and 25 or in Appendix B may not necessarily mean 0. It may mean that the rate was not submitted or that the concentration is less than 0.0001 (1/10,000).

The reader should address any questions or requests for additional information about the source tests identified in Tables 24 and 25 to the source testing contacts identified in Appendix B or in Table 2 in Section 2. The source test ID number identified in Appendix B should be used as a reference to a specific source test in any communications with the State or local agency that conducted the test. If, however, the test ID number begins with the letters "CL", it was assigned by the Clearinghouse for record keeping purposes and has no connection with the records kept by the State or local agency that conducted the test.

Preceding page blank

TABLE 24. SELECTED SOURCE TESTING INFORMATION BY POLLUTANT NAME

POLLUTANT / SIC	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
AMMONIA (7664-41-7)						
2819	KERR MCGEE CHEMICAL CO.		NV-L.VEGAS	5.0000	LB/HR	99840
	AMMONIUM PERCHLORATE MANUFACTURE					
	PEPCON AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	0.5000	LB/HR	99839
3241	CEMENT PLANT	3-05-006-06	SD	0.0000	LBS/HR	73698
AMMONIUM CHLORIDE-FUME (12125-02-9)						
3241	CEMENT PLANT	3-05-006-06	SD	4.9200	LBS/HR	73698
ARSENIC AND COMPOUNDS AS AS (7440-38-2)						
3341	GOPHER SMELTING-SECONDARY LEAD SMELTER		MN	0.0025	LB/HR	99791
BENZENE (71-43-2)						
2812	CHEMICAL MANUFACTURING		NV-L.VEGAS	20.9000	LB/D	99838
	(HAZARDOUS WASTE MANAGEMENT)					
3241	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN	3-05-006	CA	4.9800	LBS/DY	73668
3519	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0190	LB/HR	73662
4953	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.	4-90-900	CA	0.0028	LB/HR	73665
	TIRE PYROLYSIS		WA-SWEST	29.6000	UG/M3	73727
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0004	LB/HR	73663
	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0279	LB/HR	73664
8062	HOSPITAL REFUSE INCINERATOR		CA	0.4100	LB/HR	73661
BENZO(A)PYRENE (50-32-8)						
0000	PAPER PLANT - BOILERS		MN	0.0050	LB/HR	73681
BUTYL BENZYL PHTHALATE (85-68-7)						
4953	TIRE PYROLYSIS		WA-SWEST	2.2000	UG/M3	73727
CADMIUM (7440-43-9)						
0000	HAZARDOUS WASTE INCINERATOR		MN	0.0040	LB/HR	73680
4953	3 M CHEMOLITE INCINERATOR		MN	0.0020	KG/HR	99792
CARBON TETRACHLORIDE (56-23-5)						
2819	SULFURIC ACID REGENERATION PLANT	3-01-023	CA	0.0005	LBS/DY	73667
3519	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
4953	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0000	LB/HR	73663
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0000	LB/HR	73665
8062	HOSPITAL REFUSE INCINERATOR		CA	6.6000	UG/SEC	73660

TABLE 24. SELECTED SOURCE TESTING INFORMATION BY POLLUTANT NAME

POLLUTANT / SIC	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
CHLORINE (7782-50-5)						
0000	POTLATCH CORPORATION-CLOQUET		MN	0.8800	LB/HR	99794
2812	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.0100	LB/HR	99838
2819	PEPCON AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	1.0000	LB/HR	99839
	KERR MCGEE CHEMICAL CO. AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	2.0000	LB/HR	99840
CHLORINE DIOXIDE (10049-04-4)						
0000	POTLATCH CORPORATION-CLOQUET		MN	0.3000	LB/HR	99794
CHLOROFORM (67-66-3)						
2812	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	35.0000	LB/D	99838
2819	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR.	98990
CHLOROTHIOANISOLE (123-09-1)						
2812	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.1000	LB/D	99838
CHROMIUM (7440-47-3)						
0000	HAZARDOUS WASTE INCINERATOR		MN	0.0080	LB/HR	73680
3221	GLASS MELTING FURNACE	3-05-014	CA	0.0000	LB/HR	73670
	GLASS FURANCE	3-05-014	CA	0.0007	LB/HR	73658
	GLASS FURANCE	3-05-014	CA	0.0001	LB/HR	73659
4953	3 M CHEMOLITE INCINERATOR		MN	0.0001	KG/HR	99792
	TIRE PYROLYSIS		WA-SWEST	0.8600	UG/M3	73727
COBALT (7440-48-4)						
2819	CHEMICAL MANUFACTURING PLANT	1-02-013-01	TN-CHAT.	0.8250	LB/HR	73756
COUNTER 15 G (13071-79-9)						
2879	IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION		MN	0.0000		99793
DI-N-BUTYL PHTHALATE (84-74-2)						
4953	TIRE PYROLYSIS		WA-SWEST	1.1000	UG/M3	73727
DICHLOROBENZENE,1,2- (95-50-1)						
2812	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	5.0000	LB/D	99838
DIOXINS (CL-DIOXIN)						
3241	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN		CA	0.1900	NG/HR	73668
3519	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
4953	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM		CA	0.0000	LB/HR	73664

TABLE 24. SELECTED SOURCE TESTING INFORMATION BY POLLUTANT NAME

POLLUTANT / SIC	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
DIOXINS (CL-DIOXIN)						
4953	SANITARY LANDFILL					
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0000	LB/HR	73665
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0000	LB/HR	73663
	MUNICIPAL TRASH INCINERATOR		OK-TULSA	18.9320	NG/NM3	73718
8062	HOSPITAL REFUSE INCINERATOR		CA	165.0000	NG/SEC	73660
	HOSPITAL REFUSE INCINERATOR		CA	618.0000	NG/SEC	73661
DIPHENYLMETHANEDIISOCYANATE,4,4'- (101-68-8)						
0000	WAFERBOARD PLANT		MN	0.0050	LB/HR	73689
	WAFERBOARD PLANT		MN	0.0050	LB/HR	73691
ETHYL BENZENE (100-41-4)						
3822	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
4953	TIRE PYROLYSIS		WA-SWEST	45.1000	UG/M3	73727
ETHYLENE DICHLORIDE (107-06-2)						
2819	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR.	98990
ETHYLENE OXIDE (75-21-8)						
2099	SPICE MANUFACTURING STERILIZATION CHAMBER	3-02-999	CA	4.9600	LBS/HR	73669
ETHYLHEXYLPHTHALATE,BIS,2- (117-81-7)						
4953	TIRE PYROLYSIS		WA-SWEST	22.9000	UG/M3	73727
FLUORIDES (16984-48-8)						
3334	PRIMARY ALUMINIM SMELTER	3-03-001-03	MT	800.0000	LB/DAY	73715
	PRIMARY ALUMINUM SMELTER	3-03-001-03	MT	46.0000	LD/DAY	73716
4953	MUNICIPAL TRASH INCINERATOR		OK-TULSA	0.7200	LBS/HR	73718
FORMALDEHYDE (50-00-0)						
0000	WAFERBOARD PLANT		MN	5.2300	LB/HR	73690
	WAFERBOARD PLANT		MN	0.0380	LB/HR	73691
	WAFERBOARD PLANT		MN	10.9700	LB/HR	73692
	WAFERBOARD PLANT		MN	8.2200	LB/HR	73675
	WAFERBOARD PLANT		MN	0.7730	LB/HR	73676
	WATERBOARD PLANT		MN	0.7330	LB/HR	73677
	WAFERBOARD PLANT		MN	0.0300	LB/HR	73689
	WAFERBOARD PLANT		MN	2.0900	LB/HR	73671
	WAFERBOARD PLANT		MN	2.0700	LB/HR	73672
	WAFERBOARD PLANT		MN	0.4400	LB/HR	73673
	WAFERBOARD PLANT		MN	0.8300	LB/HR	73674
2821	RESIN MANUFACTURING	3-01-999-99	CA-SAC.	0.0000	G/HR	73700

TABLE 24. SELECTED SOURCE TESTING INFORMATION BY POLLUTANT NAME

POLLUTANT / SIC	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
FURANS (CL-FURAN)						
4953	MUNICIPAL TRASH INCINERATOR		OK-TULSA	15.5200	NG/NM3	73718
HEPTA CHLORO FURANS (38998-75-3)						
0000	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.0700	NG/M3	73678
HEXACHLOROBENZENE (118-74-1)						
3822	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
HEXANE,N- (110-54-3)						
0000	PAPER PLANT - BOILERS		MN	5.8000	LB/HR	73681
HYDROGEN CHLORIDE (7647-01-0)						
4953	3 M CHEMOLITE INCINERATOR		MN	0.0500	KG/HR	99792
MAGNESIUM (7439-95-4)						
4953	TIRE PYROLYSIS		WA-SWEST	0.5000	UG/M3	73727
MANGANESE (7439-96-5)						
4953	TIRE PYROLYSIS		WA-SWEST	0.1000	UG/M3	73727
MERCURY (7439-97-6)						
4953	TIRE PYROLYSIS		WA-SWEST	0.0800	UG/M3	73727
MONOCHLOROBENZENE (108-90-7)						
2812	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	23.0000	LB/D	99838
NAPHTHALENE (91-20-3)						
4953	TIRE PYROLYSIS		WA-SWEST	4.6000	UG/M3	73727
NICKEL (7440-02-2)						
4953	TIRE PYROLYSIS		WA-SWEST	4.3100	UG/M3	73727
OCTACHLORODIBENZO-P-DIOXIN (3268-87-9)						
0000	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.1100	NG/M3	73678
PENTA CHLORO FURANS (30402-15-4)						
0000	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.3300	NG/M3	73678
PENTACHLOROPHENOL (87-86-5)						
2819	SULFURIC ACID REGENERATION PLANT		CA	0.0003	LBS/DY	73667
PHENOL (108-95-2)						
0000	WAFERBOARD PLANT		MN	0.5300	LB/HR	73692
4953	TIRE PYROLYSIS		WA-SWEST	2.4000	UG/M3	73727

TABLE 24. SELECTED SOURCE TESTING INFORMATION BY POLLUTANT NAME

SIC	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
PHORATE (298-02-2)						
2879	IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION		MN	0.0000		99793
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P- (1746-01-6)						
0000	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.0200	NG/M3	73678
TETRACHLOROETHYLENE (127-18-4)						
7216	DRY CLEANING		NJ	0.0330	LB/HR	73797
8062	HOSPITAL REFUSE INCINERATOR		CA	7.0000	UG/SEC	73660
TOLUENE (108-88-3)						
2819	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR	98990
3519	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0049	LB/HR	73662
3822	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	97.3900	%DRE	73666
4953	TIRE PYROLYSIS		WA-SWEST	43.0000	UG/M3	73727
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0009	LB/HR	73665
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0024	LB/HR	73663
	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.1980	LB/HR	73664
8062	HOSPITAL REFUSE INCINERATOR		CA	0.0001	LB/HR	73661
TOTAL REDUCED SULFUR (CL-TRS)						
2621	PULP AND PAPER MILL		MT	1.1000	PPM	99867
	PULP AND PAPER MILL		MT	0.4000	PPM	73714
	PULP AND PAPER MILL		MT	0.4000	PPM	99868
TRI CHLORO FURANS (43048-00-6)						
0000	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.5500	NG/M3	73678
TRICHLOROBENZENE,1,2,4- (120-82-1)						
2812	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.2000	LB/D	99838
2819	SULFURIC ACID REGENERATION PLANT		CA	0.0003	LBS/DY	73667
3822	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
TRICHLOROETHANE,1,1,1- (71-55-6)						
2819	SULFURIC ACID REGENERATION PLANT		CA	0.0019	LBS/DY	73667
3519	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
4953	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0057	LB/HR	73664

TABLE 24. SELECTED SOURCE TESTING INFORMATION BY POLLUTANT NAME

POLLUTANT / SIC	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
TRICHLOROETHANE,1,1,1- (71-55-6)						
4953	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0001	LB/HR	73665
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0039	LB/HR	73663
TRICHLOROETHYLENE (79-01-6)						
8062	HOSPITAL REFUSE INCINERATOR		CA	1.5000	UG/SEC	73660
TRIMETHYLPHENYL N-METHYLCARBAMATE (58784-13-7)						
2879	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.0144	GR/SCF	73728
VINYL CHLORIDE (75-01-4)						
3519	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.	5-03-006	CA	0.0001	LB/HR	73662
4953	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL	5-03-006	CA	0.0157	LB/HR	73664
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0040	LB/HR	73665
	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0017	LB/HR	73663
VOLATILE ORGANIC COMPOUNDS (CL-VOC)						
3241	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN		CA	0.6900	LBS/DY	73668
3822	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
8062	HOSPITAL REFUSE INCINERATOR	5-02-005	CA	2.8000	UG/SEC	73660
	HOSPITAL REFUSE INCINERATOR	5-02-005	CA	0.0000	LB.HR	73661
XYLENE (1330-20-7)						
3822	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
4953	TIRE PYROLYSIS		WA-SWEST	33.9000	UG/M3	73727
ZINC (7440-66-6)						
4953	TIRE PYROLYSIS		WA-SWEST	1.0100	UG/M3	73727
2,3,7,8 TCDF (51207-31-0)						
0000	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.2300	NG/M3	73678

TABLE 25. SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
0000 (SIC CODE UNAVAILABLE)							
BENZO(A)PYRENE	50-32-8	PAPER PLANT - BOILERS		MN	0.0050	LB/HR	73681
CADMIUM	7440-43-9	HAZARDOUS WASTE INCINERATOR		MN	0.0040	LB/HR	73680
CHLORINE	7782-50-5	POTLATCH CORPORATION-CLOQUET		MN	0.8800	LB/HR	99794
CHLORINE DIOXIDE	10049-04-4	POTLATCH CORPORATION-CLOQUET		MN	0.3000	LB/HR	99794
CHROMIUM	7440-47-3	HAZARDOUS WASTE INCINERATOR		MN	0.0080	LB/HR	73680
DIPHENYLMETHANEDIISOCYANATE	101-68-8	WAFERBOARD PLANT		MN	0.0050	LB/HR	73691
		WAFERBOARD PLANT		MN	0.0050	LB/HR	73689
FORMALDEHYDE	50-00-0	WAFERBOARD PLANT		MN	0.0380	LB/HR	73691
		WAFERBOARD PLANT		MN	10.9700	LB/HR	73692
		WAFERBOARD PLANT		MN	0.0300	LB/HR	73689
		WAFERBOARD PLANT		MN	5.2300	LB/HR	73690
		WAFERBOARD PLANT		MN	8.2200	LB/HR	73675
		WAFERBOARD PLANT		MN	0.7730	LB/HR	73676
		WAFERBOARD PLANT		MN	0.7330	LB/HR	73677
		WATERBOARD PLANT		MN	2.0900	LB/HR	73671
		WAFERBOARD PLANT		MN	2.0700	LB/HR	73672
		WAFERBOARD PLANT		MN	0.4400	LB/HR	73673
		WAFERBOARD PLANT		MN	0.8300	LB/HR	73674
		WAFERBOARD PLANT		MN	0.0700	NG/M3	73678
HEPTA CHLORO FURANS	38998-75-3	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	5.8000	LB/HR	73681
HEXANE,N-	110-54-3	PAPER PLANT - BOILERS		MN	0.1100	NG/M3	73678
OCTACHLORODIBENZO-P-DIOXIN	3268-87-9	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.3300	NG/M3	73678
PENTA CHLORO FURANS	30402-15-4	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.5300	LB/HR	73692
PHENOL	108-95-2	WAFERBOARD PLANT		MN	0.0200	NG/M3	73678
TETRACHLORODIBENZODIOXIN,2,	1746-01-6	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.5500	NG/M3	73678
TRI CHLORO FURANS	43048-00-6	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.2300	NG/M3	73678
2,3,7,8 TCDF	51207-31-0	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT					
2099 (FOOD PREPARATIONS, NEC)							
ETHYLENE OXIDE	75-21-8	SPICE MANUFACTURING STERILIZATION CHAMBER	3-02-999	CA	4.9600	LBS/HR	73669
2621 (PAPER MILLS, EXCEPT BUILDING PAPER)							
TOTAL REDUCED SULFUR	CL-TRS	PULP AND PAPER MILL		MT	1.1000	PPM	99867
		PULP AND PAPER MILL		MT	0.4000	PPM	99868
		PULP AND PAPER MILL		MT	0.4000	PPM	73714
2812 (ALKALIES AND CHLORINE)							
BENZENE	71-43-2	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	20.9000	LB/D	99838
CHLORINE	7782-50-5	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.0100	LB/HR	99838
CHLOROFORM	67-66-3	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	35.0000	LB/D	99838

TABLE 25. SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
2812 (ALKALIES AND CHLORINE)							
CHLOROTHIOANISOLE	123-09-1	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.1000	LB/D	99838
DICHLOROBENZENE,1,2-	95-50-1	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	5.0000	LB/D	99838
MONOCHLOROBENZENE	108-90-7	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	23.0000	LB/D	99838
TRICHLOROBENZENE,1,2,4-	120-82-1	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.2000	LB/D	99838
2819 (INDUSTRIAL INORGANIC CHEMICALS, NEC)							
		CHEMICAL MANUFACTURING FACILITY		TN-CHAT.	0.8250		73755
AMMONIA	7664-41-7	KERR MCGEE CHEMICAL CO. AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	5.0000	LB/HR	99840
		PEPCON AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	0.5000	LB/HR	99839
CARBON TETRACHLORIDE	56-23-5	SULFURIC ACID REGENERATION PLANT	3-01-023	CA	0.0005	LBS/DY	73667
CHLORINE	7782-50-5	KERR MCGEE CHEMICAL CO. AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	2.0000	LB/HR	99840
		PEPCON AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	1.0000	LB/HR	99839
CHLOROFORM	67-66-3	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR.	98990
COBALT	7440-48-4	CHEMICAL MANUFACTURING PLANT	1-02-013-01	TN-CHAT.	0.8250	LB/HR	73756
ETHYLENE DICHLORIDE	107-06-2	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR.	98990
PENTACHLOROPHENOL	87-86-5	SULFURIC ACID REGENERATION PLANT		CA	0.0003	LBS/DY	73667
TOLUENE	108-88-3	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR	98990
TRICHLOROBENZENE,1,2,4-	120-82-1	SULFURIC ACID REGENERATION PLANT		CA	0.0003	LBS/DY	73667
TRICHLOROETHANE,1,1,1-	71-55-6	SULFURIC ACID REGENERATION PLANT		CA	0.0019	LBS/DY	73667
2821 (PLASTICS MATERIALS AND RESINS)							
FORMALDEHYDE	50-00-0	RESIN MANUFACTURING	3-01-999-99	CA-SAC.	0.0000	G/HR	73700
2879 (AGRICULTURAL CHEMICALS, NEC)							
COUNTER 15 G	13071-79-9	IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION		MN	0.0000		99793
PHORATE	298-02-2	IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION		MN	0.0000		99793
TRIMETHYLPHENYL N-METHYLCAR	58784-13-7	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.0144	GR/SCF	73728
2951 (PAVING MIXTURES AND BLOCKS)							
		DRUM MIX ASPHALT PLANT		MD			99874

TABLE 25. SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
3221 (GLASS CONTAINERS)							
CHROMIUM	7440-47-3	GLASS FURANCE	3-05-014	CA	0.0007	LB/HR	73658
		GLASS FURANCE	3-05-014	CA	0.0001	LB/HR	73659
		GLASS MELTING FURNACE	3-05-014	CA	0.0000	LB/HR	73670
3241 (CEMENT, HYDRAULIC)							
AMMONIA	7664-41-7	CEMENT PLANT	3-05-006-06	SD	0.0000	LBS/HR	73698
AMMONIUM CHLORIDE-FUME	12125-02-9	CEMENT PLANT	3-05-006-06	SD	4.9200	LBS/HR	73698
BENZENE	71-43-2	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN	3-05-006	CA	4.9800	LBS/DY	73668
DIOXINS	CL-DIOXIN	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN		CA	0.1900	NG/HR	73668
VOLATILE ORGANIC COMPOUNDS	CL-VOC	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN		CA	0.6900	LBS/DY	73668
3334 (PRIMARY ALUMINUM)							
FLUORIDES	16984-48-8	PRIMARY ALUMINIM SMELTER	3-03-001-03	MT	800.0000	LB/DAY	73715
		PRIMARY ALUMINUM SMELTER	3-03-001-03	MT	46.0000	LD/DAY	73716
3341 (SECONDARY NONFERROUS METALS)							
ARSENIC AND COMPOUNDS AS AS	7440-38-2	GOPHER SMELTING-SECONDARY LEAD SMELTER		MN	0.0025	LB/HR	99791
3519 (INTERNAL COMBUSTION ENGINES, NEC)							
BENZENE	71-43-2	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0190	LB/HR	73662
CARBON TETRACHLORIDE	56-23-5	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
DIOXINS	CL-DIOXIN	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
TOLUENE	108-88-3	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0049	LB/HR	73662
TRICHLOROETHANE,1,1,1-	71-55-6	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
VINYL CHLORIDE	75-01-4	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.	5-03-006	CA	0.0001	LB/HR	73662
3822 (ENVIRONMENTAL CONTROLS)							
ETHYL BENZENE	100-41-4	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
HEXACHLOROBENZENE	118-74-1	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
TOLUENE	108-88-3	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	97.3900	%DRE	73666

TABLE 25. SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
3822 (ENVIRONMENTAL CONTROLS)							
TRICHLOROBENZENE,1,2,4-	120-82-1	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
VOLATILE ORGANIC COMPOUNDS	CL-VOC	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
XYLENE	1330-20-7	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
4953 (REFUSE SYSTEMS)							
BENZENE	71-43-2	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0279	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0004	LB/HR	73663
		TIRE PYROLYSIS		WA-SWEST	29.6000	UG/M3	73727
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.	4-90-900	CA	0.0028	LB/HR	73665
BUTYL BENZYL PHTHALATE	85-68-7	TIRE PYROLYSIS		WA-SWEST	2.2000	UG/M3	73727
CADMIUM	7440-43-9	3 M CHEMOLITE INCINERATOR		MN	0.0020	KG/HR	99792
CARBON TETRACHLORIDE	56-23-5	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0000	LB/HR	73665
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0000	LB/HR	73663
CHROMIUM	7440-47-3	TIRE PYROLYSIS		WA-SWEST	0.8600	UG/M3	73727
		3 M CHEMOLITE INCINERATOR		MN	0.0001	KG/HR	99792
DI-N-BUTYL PHTHALATE	84-74-2	TIRE PYROLYSIS		WA-SWEST	1.1000	UG/M3	73727
DIOXINS	CL-DIOXIN	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0000	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0000	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0000	LB/HR	73663
		MUNICIPAL TRASH INCINERATOR		OK-TULSA	18.9320	NG/NM3	73718
ETHYL BENZENE	100-41-4	TIRE PYROLYSIS		WA-SWEST	45.1000	UG/M3	73727
ETHYLHEXYLPHTHALATE,BIS,2-	117-81-7	TIRE PYROLYSIS		WA-SWEST	22.9000	UG/M3	73727
FLUORIDES	16984-48-8	MUNICIPAL TRASH INCINERATOR		OK-TULSA	0.7200	LBS/HR	73718
FURANS	CL-FURAN	MUNICIPAL TRASH INCINERATOR		OK-TULSA	15.5200	NG/NM3	73718
HYDROGEN CHLORIDE	7647-01-0	3 M CHEMOLITE INCINERATOR		MN	0.0500	KG/HR	99792
MAGNESIUM	7439-95-4	TIRE PYROLYSIS		WA-SWEST	0.5000	UG/M3	73727
MANGANESE	7439-96-5	TIRE PYROLYSIS		WA-SWEST	0.1000	UG/M3	73727
MERCURY	7439-97-6	TIRE PYROLYSIS		WA-SWEST	0.0800	UG/M3	73727
NAPHTHALENE	91-20-3	TIRE PYROLYSIS		WA-SWEST	4.6000	UG/M3	73727
NICKEL	7440-02-2	TIRE PYROLYSIS		WA-SWEST	4.3100	UG/M3	73727
PHENOL	108-95-2	TIRE PYROLYSIS		WA-SWEST	2.4000	UG/M3	73727

TABLE 25. SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
4953 (REFUSE SYSTEMS)							
TOLUENE	108-88-3	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0009	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.1980	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0024	LB/HR	73663
		TIRE PYROLYSIS		WA-SWEST	43.0000	UG/M3	73727
TRICHLOROETHANE,1,1,1-	71-55-6	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0001	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0057	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0039	LB/HR	73663
VINYL CHLORIDE	75-01-4	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0040	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL	5-03-006	CA	0.0157	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0017	LB/HR	73663
XYLENE	1330-20-7	TIRE PYROLYSIS		WA-SWEST	33.9000	UG/M3	73727
ZINC	7440-66-6	TIRE PYROLYSIS		WA-SWEST	1.0100	UG/M3	73727
7216 (DRY CLEANING PLANTS, EXCEPT RUG)							
TETRACHLOROETHYLENE	127-18-4	DRY CLEANING		NJ	0.0330	LB/HR	73797
8062 (GENERAL MEDICAL & SURGICAL HOSPITALS)							
BENZENE	71-43-2	HOSPITAL REFUSE INCINERATOR		CA	0.4100	LB/HR	73661
CARBON TETRACHLORIDE	56-23-5	HOSPITAL REFUSE INCINERATOR		CA	6.6000	UG/SEC	73660
DIOXINS	CL-DIOXIN	HOSPITAL REFUSE INCINERATOR		CA	618.0000	NG/SEC	73661
		HOSPITAL REFUSE INCINERATOR		CA	165.0000	NG/SEC	73660
TETRACHLOROETHYLENE	127-18-4	HOSPITAL REFUSE INCINERATOR		CA	7.0000	UG/SEC	73660
TOLUENE	108-88-3	HOSPITAL REFUSE INCINERATOR		CA	0.0001	LB/HR	73661
TRICHLOROETHYLENE	79-01-6	HOSPITAL REFUSE INCINERATOR		CA	1.5000	UG/SEC	73660
VOLATILE ORGANIC COMPOUNDS	CL-VOC	HOSPITAL REFUSE INCINERATOR	5-02-005	CA	2.8000	UG/SEC	73660
		HOSPITAL REFUSE INCINERATOR	5-02-005	CA	0.0000	LB.HR	73661

TABLE 25. SELECTED SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
0000 (SIC CODE UNAVAILABLE)							
BENZO(A)PYRENE	50-32-8	PAPER PLANT - BOILERS		MN	0.0050	LB/HR	73681
CADMIUM	7440-43-9	HAZARDOUS WASTE INCINERATOR		MN	0.0040	LB/HR	73680
CHLORINE	7782-50-5	POTLATCH CORPORATION-CLOQUET		MN	0.8800	LB/HR	99794
CHLORINE DIOXIDE	10049-04-4	POTLATCH CORPORATION-CLOQUET		MN	0.3000	LB/HR	99794
CHROMIUM	7440-47-3	HAZARDOUS WASTE INCINERATOR		MN	0.0080	LB/HR	73680
DIPHENYLMETHANEDIISOCYANATE	101-68-8	WAFERBOARD PLANT		MN	0.0050	LB/HR	73691
		WAFERBOARD PLANT		MN	0.0050	LB/HR	73689
FORMALDEHYDE	50-00-0	WAFERBOARD PLANT		MN	0.0380	LB/HR	73691
		WAFERBOARD PLANT		MN	10.9700	LB/HR	73692
		WAFERBOARD PLANT		MN	0.0300	LB/HR	73689
		WAFERBOARD PLANT		MN	5.2300	LB/HR	73690
		WAFERBOARD PLANT		MN	8.2200	LB/HR	73675
		WAFERBOARD PLANT		MN	0.7730	LB/HR	73676
		WATERBOARD PLANT		MN	0.7330	LB/HR	73677
		WAFERBOARD PLANT		MN	2.0900	LB/HR	73671
		WAFERBOARD PLANT		MN	2.0700	LB/HR	73672
		WAFERBOARD PLANT		MN	0.4400	LB/HR	73673
		WAFERBOARD PLANT		MN	0.8300	LB/HR	73674
HEPTA CHLORO FURANS	38998-75-3	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.0700	NG/M3	73678
HEXANE,N-	110-54-3	PAPER PLANT - BOILERS		MN	5.8000	LB/HR	73681
OCTACHLORODIBENZO-P-DIOXIN	3268-87-9	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.1100	NG/M3	73678
PENTA CHLORO FURANS	30402-15-4	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.3300	NG/M3	73678
PHENOL	108-95-2	WAFERBOARD PLANT		MN	0.5300	LB/HR	73692
TETRACHLORODIBENZODIOXIN,2,	1746-01-6	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.0200	NG/M3	73678
TRI CHLORO FURANS	43048-00-6	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.5500	NG/M3	73678
2,3,7,8 TCDF	51207-31-0	SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT		MN	0.2300	NG/M3	73678
2099 (FOOD PREPARATIONS, NEC)							
ETHYLENE OXIDE	75-21-8	SPICE MANUFACTURING STERILIZATION CHAMBER	3-02-999	CA	4.9600	LBS/HR	73669
2621 (PAPER MILLS, EXCEPT BUILDING PAPER)							
TOTAL REDUCED SULFUR	CL-TRS	PULP AND PAPER MILL		MT	1.1000	PPM	99867
		PULP AND PAPER MILL		MT	0.4000	PPM	99868
		PULP AND PAPER MILL		MT	0.4000	PPM	73714
2812 (ALKALIES AND CHLORINE)							
BENZENE	71-43-2	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	20.9000	LB/D	99838
CHLORINE	7782-50-5	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.0100	LB/HR	99838
CHLOROFORM	67-66-3	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	35.0000	LB/D	99838

TABLE 25. SELECTED SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
2812 (ALKALIES AND CHLORINE)							
CHLOROTHIOANISOLE	123-09-1	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.1000	LB/D	99838
DICHLOROBENZENE,1,2-	95-50-1	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	5.0000	LB/D	99838
MONOCHLOROBENZENE	108-90-7	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	23.0000	LB/D	99838
TRICHLOROBENZENE,1,2,4-	120-82-1	CHEMICAL MANUFACTURING (HAZARDOUS WASTE MANAGEMENT)		NV-L.VEGAS	0.2000	LB/D	99838
2819 (INDUSTRIAL INORGANIC CHEMICALS, NEC)							
		CHEMICAL MANUFACTURING FACILITY		TN-CHAT.	0.8250		73755
AMMONIA	7664-41-7	KERR MCGEE CHEMICAL CO.		NV-L.VEGAS	5.0000	LB/HR	99840
		AMMONIUM PERCHLORATE MANUFACTURE					
		PEPCON AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	0.5000	LB/HR	99839
CARBON TETRACHLORIDE	56-23-5	SULFURIC ACID REGENERATION PLANT	3-01-023	CA	0.0005	LBS/DY	73667
CHLORINE	7782-50-5	KERR MCGEE CHEMICAL CO.		NV-L.VEGAS	2.0000	LB/HR	99840
		AMMONIUM PERCHLORATE MANUFACTURE					
		PEPCON AMMONIUM PERCHLORATE MANUFACTURE		NV-L.VEGAS	1.0000	LB/HR	99839
CHLOROFORM	67-66-3	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR.	98990
COBALT	7440-48-4	CHEMICAL MANUFACTURING PLANT	1-02-013-01	TN-CHAT.	0.8250	LB/HR	73756
ETHYLENE DICHLORIDE	107-06-2	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR.	98990
PENTACHLOROPHENOL	87-86-5	SULFURIC ACID REGENERATION PLANT		CA	0.0003	LBS/DY	73667
TOLUENE	108-88-3	CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS)	3-01-999-99	CA-SAC.	0.0000	VAR	98990
TRICHLOROBENZENE,1,2,4-	120-82-1	SULFURIC ACID REGENERATION PLANT		CA	0.0003	LBS/DY	73667
TRICHLOROETHANE,1,1,1-	71-55-6	SULFURIC ACID REGENERATION PLANT		CA	0.0019	LBS/DY	73667
2821 (PLASTICS MATERIALS AND RESINS)							
FORMALDEHYDE	50-00-0	RESIN MANUFACTURING	3-01-999-99	CA-SAC.	0.0000	G/HR	73700
2879 (AGRICULTURAL CHEMICALS, NEC)							
COUNTER 15 G	13071-79-9	IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION		MN	0.0000		99793
PHORATE	298-02-2	IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION		MN	0.0000		99793
TRIMETHYLPHENYL N-METHYLCAR	58784-13-7	PESTICIDES AND AGRICULTURAL CHEMICALS		IA	0.0144	GR/SCF	73728
2951 (PAVING MIXTURES AND BLOCKS)							
		DRUM MIX ASPHALT PLANT		MD			99874

TABLE 25. SELECTED SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
3221 (GLASS CONTAINERS)							
CHROMIUM	7440-47-3	GLASS FURANCE	3-05-014	CA	0.0007	LB/HR	73658
		GLASS FURANCE	3-05-014	CA	0.0001	LB/HR	73659
		GLASS MELTING FURNACE	3-05-014	CA	0.0000	LB/HR	73670
3241 (CEMENT, HYDRAULIC)							
AMMONIA	7664-41-7	CEMENT PLANT	3-05-006-06	SD	0.0000	LBS/HR	73698
AMMONIUM CHLORIDE-FUME	12125-02-9	CEMENT PLANT	3-05-006-06	SD	4.9200	LBS/HR	73698
BENZENE	71-43-2	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN	3-05-006	CA	4.9800	LBS/DY	73668
DIOXINS	CL-DIOXIN	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN		CA	0.1900	NG/HR	73668
VOLATILE ORGANIC COMPOUNDS	CL-VOC	BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN		CA	0.6900	LBS/DY	73668
3334 (PRIMARY ALUMINUM)							
FLUORIDES	16984-48-8	PRIMARY ALUMINIM SMELTER	3-03-001-03	MT	800.0000	LB/DAY	73715
		PRIMARY ALUMINUM SMELTER	3-03-001-03	MT	46.0000	LD/DAY	73716
3341 (SECONDARY NONFERROUS METALS)							
ARSENIC AND COMPOUNDS AS AS	7440-38-2	GOPHER SMELTING-SECONDARY LEAD SMELTER		MN	0.0025	LB/HR	99791
3519 (INTERNAL COMBUSTION ENGINES, NEC)							
BENZENE	71-43-2	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0190	LB/HR	73662
CARBON TETRACHLORIDE	56-23-5	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
DIOXINS	CL-DIOXIN	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
TOLUENE	108-88-3	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0049	LB/HR	73662
TRICHLOROETHANE,1,1,1-	71-55-6	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.		CA	0.0000	LB/HR	73662
VINYL CHLORIDE	75-01-4	EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL.	5-03-006	CA	0.0001	LB/HR	73662
3822 (ENVIRONMENTAL CONTROLS)							
ETHYL BENZENE	100-41-4	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
HEXACHLOROBENZENE	118-74-1	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
TOLUENE	108-88-3	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	97.3900	%DRE	73666

TABLE 25. SELECTED SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
3822 (ENVIRONMENTAL CONTROLS)							
TRICHLOROBENZENE,1,2,4-	120-82-1	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
VOLATILE ORGANIC COMPOUNDS	CL-VOC	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
XYLENE	1330-20-7	USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS.		CA	99.9900	%DRE	73666
4953 (REFUSE SYSTEMS)							
BENZENE	71-43-2	EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0279	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0004	LB/HR	73663
		TIRE PYROLYSIS		MA-SWEST	29.6000	UG/M3	73727
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.	4-90-900	CA	0.0028	LB/HR	73665
BUTYL BENZYL PHTHALATE	85-68-7	TIRE PYROLYSIS		MA-SWEST	2.2000	UG/M3	73727
CADMIUM	7440-43-9	3 M CHEMOLITE INCINERATOR		MN	0.0020	KG/HR	99792
CARBON TETRACHLORIDE	56-23-5	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0000	LB/HR	73665
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0000	LB/HR	73663
CHROMIUM	7440-47-3	TIRE PYROLYSIS		MA-SWEST	0.8600	UG/M3	73727
		3 M CHEMOLITE INCINERATOR		MN	0.0001	KG/HR	99792
DI-N-BUTYL PHTHALATE	84-74-2	TIRE PYROLYSIS		MA-SWEST	1.1000	UG/M3	73727
DIOXINS	CL-DIOXIN	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0000	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0000	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0000	LB/HR	73663
		MUNICIPAL TRASH INCINERATOR		OK-TULSA	18.9320	NG/NM3	73718
ETHYL BENZENE	100-41-4	TIRE PYROLYSIS		MA-SWEST	45.1000	UG/M3	73727
ETHYLHEXYLPHTHALATE,BIS,2-	117-81-7	TIRE PYROLYSIS		MA-SWEST	22.9000	UG/M3	73727
FLUORIDES	16984-48-8	MUNICIPAL TRASH INCINERATOR		OK-TULSA	0.7200	LBS/HR	73718
FURANS	CL-FURAN	MUNICIPAL TRASH INCINERATOR		OK-TULSA	15.5200	NG/NM3	73718
HYDROGEN CHLORIDE	7647-01-0	3 M CHEMOLITE INCINERATOR		MN	0.0500	KG/HR	99792
MAGNESIUM	7439-95-4	TIRE PYROLYSIS		MA-SWEST	0.5000	UG/M3	73727
MANGANESE	7439-96-5	TIRE PYROLYSIS		MA-SWEST	0.1000	UG/M3	73727
MERCURY	7439-97-6	TIRE PYROLYSIS		MA-SWEST	0.0800	UG/M3	73727
NAPHTHALENE	91-20-3	TIRE PYROLYSIS		MA-SWEST	4.6000	UG/M3	73727
NICKEL	7440-02-2	TIRE PYROLYSIS		MA-SWEST	4.3100	UG/M3	73727
PHENOL	108-95-2	TIRE PYROLYSIS		MA-SWEST	2.4000	UG/M3	73727

TABLE 25. SELECTED SOURCE TESTING INFORMATION BY SIC CODE

SIC CODE / POLLUTANT NAME	CAS #	FACILITY CATEGORY	SCC	AGENCY	RATE	UNIT	ACC #
4953 (REFUSE SYSTEMS)							
TOLUENE	108-88-3	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0009	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.1980	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0024	LB/HR	73663
		TIRE PYROLYSIS		MA-SWEST	43.0000	UG/M3	73727
TRICHLOROETHANE,1,1,1-	71-55-6	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0001	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL		CA	0.0057	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0039	LB/HR	73663
VINYL CHLORIDE	75-01-4	EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY.		CA	0.0040	LB/HR	73665
		EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL	5-03-006	CA	0.0157	LB/HR	73664
		EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL		CA	0.0017	LB/HR	73663
XYLENE	1330-20-7	TIRE PYROLYSIS		MA-SWEST	33.9000	UG/M3	73727
ZINC	7440-66-6	TIRE PYROLYSIS		MA-SWEST	1.0100	UG/M3	73727
7216 (DRY CLEANING PLANTS, EXCEPT RUG)							
TETRACHLOROETHYLENE	127-18-4	DRY CLEANING		NJ	0.0330	LB/HR	73797
8062 (GENERAL MEDICAL & SURGICAL HOSPITALS)							
BENZENE	71-43-2	HOSPITAL REFUSE INCINERATOR		CA	0.4100	LB/HR	73661
CARBON TETRACHLORIDE	56-23-5	HOSPITAL REFUSE INCINERATOR		CA	6.6000	UG/SEC	73660
DIOXINS	CL-DIOXIN	HOSPITAL REFUSE INCINERATOR		CA	618.0000	NG/SEC	73661
		HOSPITAL REFUSE INCINERATOR		CA	165.0000	NG/SEC	73660
TETRACHLOROETHYLENE	127-18-4	HOSPITAL REFUSE INCINERATOR		CA	7.0000	UG/SEC	73660
TOLUENE	108-88-3	HOSPITAL REFUSE INCINERATOR		CA	0.0001	LB/HR	73661
TRICHLOROETHYLENE	79-01-6	HOSPITAL REFUSE INCINERATOR		CA	1.5000	UG/SEC	73660
VOLATILE ORGANIC COMPOUNDS	CL-VOC	HOSPITAL REFUSE INCINERATOR	5-02-005	CA	2.8000	UG/SEC	73660
		HOSPITAL REFUSE INCINERATOR	5-02-005	CA	0.0000	LB.HR	73661

SECTION 12

EMISSIONS INVENTORY INFORMATION

The emissions inventory information presented in this section will be useful to State and local agencies that are beginning to develop inventories of non-criteria pollutants, as well as to agencies that need emissions information for certain source categories or pollutants. Table 26 provides information on the status, data collection methodology, scope, information collected, and size of State and local emissions inventories of non-criteria pollutants. Emissions inventory information is presented in Table 26 in "yes" and "no" and fill-in-the blank answers to a series of fourteen (14) questions. The fourteen questions are listed below.

INVENTORY STATUS

1. We have compiled an air toxics emissions inventory.

2. If no inventory exists, are there plans to compile one? When? (year) _____

DATA COLLECTION METHODOLOGY

3. Is your inventory based on data supplied through the permit process?

4. Is your inventory based on questionnaires sent to sources?

5. How often is your inventory updated:

   a) All data updated regularly (frequency? _____).
   b) Portions updated regularly (frequency? _____).
   c) Updated irregularly.
   d) Existing inventory is the result of a one-time effort with no known plans to update. When was inventory completed? _____

INVENTORY SCOPE

6. Which pollutants does your inventory cover:

   a) A specific list of pollutants.
   b) "Open-ended," covering any substance for which information is provided.

7. Does inventory information cover primarily only larger point sources?

8. Does inventory information include numerous small sources that are typically handled as area sources in criteria pollutant inventories?

9. Are there any particular sources or source categories that are the main focus of the emissions inventory?

INVENTORY INFORMATION

10. What types of data are collected and stored?

    a) Source Description
    b) Stack and exhaust flow data
    c) Throughput and activity levels
    d) Control device type and efficiencies
    e) Emissions estimates
    f) Permit/compliance data
    g) SIC Codes
    h) CAS numbers
    i) Ambient fenceline concentrations
    j) Source Classification Codes (SCC)

11. How are total emissions determined?

    a) Emissions data supplied by industry.
    b) Agency uses emissions factors to calculate emissions.
    c) Both of above.

12. Is the inventory computerized (i.e., created and maintained using a computer)?

INVENTORY SIZE

13. How many sources are included in your agency's inventory?

14. How many pollutants are included in your agency's inventory?

Table 26 also indicates whether or not an agency submitted comments on its emissions inventory. Table 27 lists comments on the emissions inventory as provided by State and local agencies. The comments may apply to the emissions inventory in general or to specific elements of the inventory in reference to one of the fourteen questions listed above.

Table 28 provides inventory data, including pollutant name, CAS number, annual emissions, and area (State, county, city, etc). Please note that an annual emissions of 0.0000 may not necessarily mean 0. It may mean that the rate was not submitted or that the rate is less than 0.0001 (1/10,000).

The reader should address any questions or requests for additional information about the emissions inventory data listed in Table 26, 27, and 28 to the emissions inventory contacts listed in Table 3 in Section 2.

TABLE 26. AIR TOXICS EMISSIONS INVENTORY INFORMATION

AGENCY	1	2 YEAR	3	4	5 A FREQ	5 B FREQ	5 C D YEAR	6 A B	7	8	9	10 A B C D E F G H I J	11 A B C	12	13	14	COMMENTS
AK	N	Y 1986													0	0	N
AZ	N	Y													0	0	N
AZ-PHOENIX	Y	1987	N	Y			1987	Y	N	Y	N	Y Y Y	Y	N	105	56	Y
AZ-PIGICO	N	Y 1988													0	0	N
AZ-PIMACO	Y		Y	Y			Y 1985	Y	N	Y	Y	Y Y	Y	Y	150	24	Y
CA	N	Y 1987													0	0	Y
CA-BAAQMD	Y		Y	Y			Y 1984	Y	Y	N	N	Y Y Y Y Y Y Y	Y	Y	0	50	Y
CA-SCAQMD	Y		Y	Y		Y		Y	N	Y	N	Y Y Y Y	Y	Y	1200	30	Y
CA-SAC.	Y		Y	Y			Y 1983	Y	N	Y	N	Y Y	Y	N	0	7	Y
CA-MONT.	N	Y													0	0	N
CA-S.BARB.	Y		N	Y	Y 2YEAR			Y	N	Y	Y	Y Y Y Y Y Y	Y	N	460	32	N
CA-BUTTE	N	Y 1988													0	0	N
CA-KERN CO		Y 1986													0	0	N
CA-FRESNO	N	Y 1987													0	0	N
CA-AMADOR	N	Y 1988													0	0	N
CO	Y		Y		Y WEEKLY			Y	N	Y	N	Y Y Y Y Y Y	Y	Y	15	15	Y
CO-ASPEN	Y		Y		Y WEEKLY	Y	Y	N Y	Y	Y	N	Y Y N N Y Y Y Y Y	N Y N	Y	250	500	Y
CO-ELPASO	Y		Y	N			Y	Y	N	Y	N	Y Y Y Y Y Y	Y	Y	1000	4	Y
CT	Y		Y	Y	Y CONT.			Y	N	Y	N	Y Y Y Y Y Y Y Y	Y	Y	0	75	Y
CT-MILFORD	N	N													0	0	N
DE	N	Y 1987	Y	Y			Y	Y							0	0	N
FL	N	Y 1986													0	0	N
FL-JACKSON	N	Y 1988													0	0	N
FL-FTLDLE	N	Y 1986													0	0	N
FL-PALMBE		Y 1988													0	0	N
GA	N	Y													0	0	N
HI	N	Y 1987													0	0	N
IA	N	Y 1987													0	0	N
IA-LINNCO		N													0	0	Y
ID	Y		Y	Y			Y	Y	N	Y	N		Y	Y	286	109	N
IN	N	Y 1986	Y	Y	4 YRS			Y	Y		Y	Y Y Y Y Y Y Y Y	Y	Y	0	0	N
IN-HAMMOND	Y			Y			Y 1986	Y		Y		Y			0	0	Y
IN-INNAP	Y		Y	Y			Y	Y	Y	Y	N	Y Y Y Y Y Y	Y	Y	177	28	Y
IN-VIGO	Y		N	Y			Y 1986	Y	N	N	N	Y Y Y Y Y Y Y Y	Y		0	0	Y
KS-T/S	Y	N	Y	Y			Y 1987	Y	Y	Y	N	Y Y Y Y Y	Y	Y	113	12	N
KS	N	Y 1987													0	0	N
KS-KC	N														0	0	Y
MA	Y		Y	Y		Y YEARL		Y	N	Y	N	Y Y Y Y Y Y Y Y Y	Y	Y	5500	60	Y
MN	Y		N	Y			Y 1985	Y	Y	N	N	Y Y Y Y Y	Y	N	450	50	Y
MO	Y	1986	N	Y			Y	Y Y	N	N	N	Y N Y N Y N N N N N	Y	Y	1860	197	Y
MO-STLUCO		N 1986													0	0	N
MO-SPGRCO	N	N													0	0	Y
MS															0	0	N

TABLE 26. AIR TOXICS EMISSIONS INVENTORY INFORMATION

AGENCY	1	2	YEAR	3	4	5 A	FREQ	B	FREQ	C	D	YEAR	6 A	B	7	8	9	10 A	B	C	D	E	F	G	H	I	J	11 A	B	C	12	13	14	COMMENTS
MT	N	Y	1987																												0	0	N
MT-MISSOU		N																													0	0	N
NC	N	Y	1986																												0	0	N
NC-FORCO	Y			N	Y								Y	N	N	Y	N	Y	Y	N	N	Y	N	N	Y	N	N	Y	N	N	N	70	80	Y
NC-WNC				Y	Y	Y								Y	N	N	N	Y	Y	Y	Y	Y	Y	Y		Y					N	0	0	Y
ND	N	Y	1987	Y	Y									Y	N	Y	Y	Y		Y	Y	Y		Y	Y		Y		Y		Y	1800	0	Y
NJ	Y			Y	Y					Y			Y		N	Y	N	Y	Y	Y	Y	Y	Y	Y					Y	Y	Y	1030	11	N
NJ-HUDSON	Y			Y	N	Y	1/YR						Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	N		Y	452	164	Y
NV	N	Y	1987																												0	0	N
NV-L.VEGAS	Y			Y	N					Y	Y		Y		N	Y	N					Y						Y		N	0	11	N
OH-DAYTON	Y		1987	Y	Y	Y	ANN.						Y	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y				Y	Y	200	450	Y
OH-NOVAA		Y	1987																												0	0	N
OK	Y	N	1986	N	Y	N		Y	YRLY	N	N		N	Y	Y	N	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	25	95	Y
OK-TULSA	Y	N		N	Y			Y						Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y					Y	Y	8	95	Y
OR	Y			Y	Y			Y	TBD				Y		N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y					Y	Y	0	117	Y
OR-LANE	Y			N	Y						Y	1986	Y		N	Y	Y	Y			Y	Y	Y							Y	Y	15	7	Y
PA	Y			N	Y					Y			Y		Y	N	Y	Y	Y	Y	Y	Y		Y	Y	N				Y	Y	700	38	Y
PA-PHIL.	Y			Y	Y					Y			Y		N	Y	N	Y	Y	Y	Y	Y	Y							Y	N	200	99	Y
PR	N	Y	1988																												0	0	N
RI	Y			Y	Y			Y	1YEAR				Y		N	Y	N	Y		Y	Y		Y	Y						Y	Y	500	120	Y
SC	N	Y	1986	Y	Y	Y	YEARLY						Y		N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y	Y	0	180	N
SD	Y			N	Y					Y				Y	Y	Y	N	Y	N	Y	N	Y	N	N	Y	N	N			Y	Y	321	59	Y
TN-KNOX	N	Y	1987																												0	0	N
TN-CHAT.	Y			Y	N	Y	YEAR							Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	Y			Y	Y	222	93	N
TN-MEMPHIS	N	Y	1987																												0	0	N
TX	Y			Y	Y			Y	3-4YR				Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y					Y	Y	1600	144	Y
VA	N	Y																													0	0	N
VT	Y		1985	N	Y			Y	1 YR.	Y			N	Y	N	Y	N	Y	Y	Y	Y	Y	N	Y	N	N	N			Y	Y	500	300	Y
WA	Y			N	Y	Y	YEARLY							Y	Y	Y	N	Y	Y	Y		Y		Y	Y	Y				Y	Y	2500	50	N
WA-PUGET	Y			Y	Y	Y	YEAR							Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	105	61	Y
WA-OLYMPIA	Y				Y	Y	1/YR							Y	Y	Y	N	Y	Y	Y		Y		Y	Y	Y				Y	Y	0	0	Y
WA-GRANT	N	N																													0	0	N
WA-SWEST	N	N	1987	N	Y	N		Y	YEAR	N	N		Y		N	Y	N				Y	Y						Y		N	25	35	N
WI	Y			N	Y	Y	YEARL						Y		Y	N	N	Y		Y		Y						Y		Y	0	33	Y
WY	N	Y	1987																												0	0	N

TABLE 27. AIR TOXICS EMISSIONS INVENTORY COMMENTS

	COMMENTS
AZ-PHOENIX	ASPHALT DISTRIBUTION AND USAGE DRY CLEANING MOBILE SOURCES PESTICIDE APPLICATION PETROLEUM MARKETING
AZ-PIMACO	IN THE PROCESS OF COMPILING AN INVENTORY. IT IS BASED ON SURVEY FORMS AND CHEMICALS LISTED ARE RESPONSES TO AMOUNT USED/HANDLED.
CA	(1) WE HAVE BEEN WORKING TO DEVELOP THE DATA BASE ITSELF. THE CURRENT PROTOTYPE CONTAINS PRELIMINARY DATA THAT IS INCOMPLETE AT THIS TIME.
CA-BAAQMD	INVENTORY IS CURRENTLY BASED ON FACILITY WIDE (NOT SOURCE) EMISSIONS
CA-SCAQMD	THE SCAQMD HAS COMPLETED A 1982 INVENTORY FOR 30 SPECIES AND HAS UPDATED THE INVENTORY TO 1984 FOR 20 OF THESE POLLUTANTS. RESULTS FROM THIS UPDATE WILL BE AVAILABLE BY THE END OF FEBRUARY 1986.
CA-SAC.	INDETERMINANT NUMBER OF SOURCES, INCLUDES AREA SOURCES,MOBILE SOURCES, AND POINT SOURCES. PRESENTLY (1987) THIS AGENCY IS PREPARING A NEW INVENTORY OF 25-30 TOXIC AIR POLLUTANTS.
CO	THE AIR TOXICS INVENTORY IS NOT COMPLETE AT THIS TIME. IT IS ANTICIPATED THAT A QUESTIONAIRE-TYPE SURVEY OF SOURCES WILL CONDUCTED THIS YEAR. THE INFORMATION COLLECTED WILL BE ADDED TO THE EXISTING INVENTORY.
CO-ASPEN	BOTH CRITERIA AND NON-CRITERIA POLLUTANTS ARE INCLUDED IN THE EMISSIONS INVENTORY. PERMITS ARE GRANTED WITH NO AMENDING PROCEDURES. ANY AMENDMENTS TO THE ORIGINAL PERMIT ARE HANDLED AS IF A NEW PERMIT WAS REQUESTED, WITH THE NEW PERMIT INCLUDING OLD AND NEW REQUESTS.
CO-ELPASO	COLORADO DEPARTMENT OF HEALTH, AIR QUALITY CONTROL DIVISION MAINTAINS A COMPUTOR INVENTORY.
CT	(13) A CONSTANTLY INCREASING NUMBER. (14) GROUP 1 POLLUTANTS ONLY.

TABLE 27. AIR TOXICS EMISSIONS INVENTORY COMMENTS

COMMENTS

IA

NONE

IN-HAMMOND

THE EMISSIONS INVENTORY CONSISTED OF A SURVEY OF LOCAL INDUSTRIES REQUESTING INFORMATION ON THE USE AND EMISSIONS OF 28 SPECIFIC TOXIC COMPOUNDS. RESPONDING INDUSTRIES COULD ADD TO THIS LIST OF 28. THE COMPOUNDS LISTED ON THE SURVEY WERE: ACETALDEHYDE(75-07-0), - ACRYLONITRILE(107-13-1),BENZENE(71-43-2),CARBON TETRACHLORIDE(56-23-5) CHLOROFORM,CRESOLS,O-DICHLOROBENZENE,DIOXANE,EPICHLOROHYDRIN, ETHYLENE DIBROMIDE,ETHYLENE DICHLORIDE,ENTYLENE OXIDE,FORMALDEHYDE, HEXACHLOROCYCLOPENTADIENE,METHYL CHLOROFORM,METHYLENE CHLORIDE,PCB'S, PERCHLOROETHYLENE,PHENOLS,PROPYLENE OXIDE,PYRIDINE,STYRENE,TOLUENE, TRICHLOROETHYLENE,1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-TRICHLOROETHANE,VINYLIDENE CHLORIDE,XYLENES.

IN-INNAP

THE INVENTORY IS DEVELOPING FROM A TWO-PART QUESTIONNAIRE. THE FIRST PART WAS COMPLETED ON MARCH 1, 1987, AND SUMMARIZED INDUSTRIES AND SMALL SOURCES, USAGE OF 28 SPECIFIC TOXIC COMPOUNDS, AND PROVIDED EMISSIONS ESTIMATES. THE SECOND PART IS CURRENTLY BEING IMPLEMENTED AND WILL PROVIDE PERMIT SCREENING, MODELLING, AND AMBIENT FENCELINE CONCENTRATION INFORMATION.

IN-VIGO

(8) WHEN THE SURVEY WAS CONDUCTED, SOME OF THE SMALLER SOURCES, SUCH AS MOBILE SOURCES,DRY CLEANERS, ETC. WERE NOT INCLUDED. HOWEVER, EFFORTS ARE BEING MADE TO GET DATA FROM THESE SOURCES.

KS-KC

THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT PLANS TO DO AN INVENTORY FOR THE STATE OF KANSAS.

MA

THE PRESENT INVENTORY (SSEIS) IS AN AIR EMISSION INVENTORY WITH TOXICS INFORMATION.___THE SOURCE FILE INCLUDES SPECIFIC CHEMICALS BY CAS NUMBER AT THE SUB-SCC LEVEL (SEGMENT LEVEL). STORAGE TANKS ARE INVENTORIED AND CLASSIFIED BY LOCATION (UNDERGROUND, ETC.) AND SIZE.

MN

NEDS SOURCES AND OTHER SOURCES SELECTED BY SIC CODE WERE SURVEYED. INFORMATION REGARDING THE ATTACHED LIST AS WELL AS "OTHER" EMISSIONS WAS REQUESTED. BASED UPON THE SURVEY, A PRIORITIZED LIST OF SOURCES WAS DRAWN UP TO ORIENT FUTURE PERMIT RENEWAL PRIORITIES.

TABLE 27. AIR TOXICS EMISSIONS INVENTORY COMMENTS

	COMMENTS
MO	A ONE-TIME ONLY SCREENING SURVEY WAS SENT TO MOST POINT SOURCES, COVERING 197 CHEMICALS AND 7 CATEGORIES. DATA COLLECTION IS TO BE COMPLETED BY APRIL 1987. AREA SOURCES AND ANNUAL UPDATES OF LARGER POINT SOURCES WILL BE INCORPORATED INTO THE NON-CRITERIA POLLUTANT INVENTORY PROCESS SOMETIME IN THE FUTURE. THE FORMAT TO BE USED IS NOT YET KNOWN.
MO-SPGRCO	THE MISSOURI DEPARTMENT OF NATURAL RESOURCES HAS CONDUCTED AN INVENTORY IN OUR AREA IN RECENT MONTHS.
NC-FORCO	(1) CURRENTLY CONDUCTING INVENTORY (12) NOT AT THIS TIME BUT PROBABLY WILL BE ON D-BASE III
NC-WNC	INVENTORY SIZE-- GET DESCRIPTION OF ALL CHEMICALS USED ON 2 YEAR BASIS. LARGER SOURCES SUBMIT ANNUAL USAGE (6).
ND	(5) PORTIONS WILL BE UPDATED DURING PERMIT RENEWAL PROCESS DEPENDING ON SOURCE SIZE. (7,8) INVENTORY WILL INCLUDE BOTH POINT AND AREA SOURCES. (9) SOURCE CATEGORIES OUTLINED IN THE DOCUMENT "CONTROL TECHNOLOGIES FOR HAZARDOUS AIR POLLUTANTS". (10-12) EMISSIONS INVENTORY PRESENTLY BEING DEVELOPED. THERE ARE CURRENTLY 1800 SOURCES IDENTIFIED TO BE INVENTORIED.
NJ-HUDSON	EMISSION FILES HAVE BEEN ESTABLISHED FOR 164 COMPOUNDS, HOWEVER NOT ALL OF THESE COMPOUNDS ARE USED WITHIN THE AREA OF OUR JURISDICTION.
OH-DAYTON	INVENTORY IN PROCESS NOW. WE HAVE 2 INVENTORIES IN HOUSE AND A THIRD IN PROCESS. ALL THREE ARE DIFFERENT!

TABLE 27. AIR TOXICS EMISSIONS INVENTORY COMMENTS

COMMENTS

OK

THE 25 SOURCES WERE SURVEYED IN A PROTOTYPE SURVEY TO TEST THE FORMS, ETC; AN ADDITIONAL 95 SOURCES ARE CURRENTLY BEING SURVEYED.

SIC CODE	# OF SOURCES	SIC CODE	# OF SOURCES
2436	1	3221	2
2492	1	3275	1
2621	1	3312	1
2631	1	3333	1
2873	2	3721	3
2895	1	4911	1
2911	3	3321	1
2999	1		
3011	1		
3079	1		
3211	1		

OK-TULSA

(13-14) EMISSION INVENTORY ACTIVITIES ARE DONE IN CONJUCTION WITH THE STATE OF OKLAHOMA AIR TOXIC PROGRAM.
SEE STATE OF OKLAHOMA AIR QUALITY SERVICE EMISSION INVENTORY INFORMATION FOR INVENTORY DATA.

OR

INVENTORY INCLUDES AREA SOURCES, WHICH CONTRIBUTE A HIGH PROPORTION OF TOTAL TOXIC EMISSIONS. ANSWERS BASED ON INVENTORY NOW IN PROGRESS TARGET COMPLETION DATE IS 4/86.

OR-LANE

(5) CURRENT PLANS ARE TO REFINE SI, BUT NO UPDATE SCHEDULE ESTABLISHED YET.

(8) AREA SOURCE CATEGORIES: ARCHITECTURAL COATINGS,CIGARETTE SMOKE, DEGREASERS,DRY CLEANING,FIELD BURNING,GASOLINE MARKETING,GRAPHIC ARTS,HOUSEHOLD SOLVENT USE,LANDFILL,MOTOR VEHICLES-GASOLINE,POTW, RESIDENTIAL SPACE HEATING,RESIDENTIAL SPACE HEATING-GAS, RESIDENTIAL SPACE HEATING-OIL,SLASH BURNING,SURFACE COATING,WASTE OIL COMBUSTION,WATER TREATMENT,WILD FIRES.

(9) RESIN MANUFACTURING

(13)&(14) THESE SOURCES AND POLLUTANTS REPRESENT THOSE ABOVE TRACE LEVELS(0.05 METRIC TONS/YEAR) OUT OF 80 SOURCES SURVEYED FOR THE USE OF 118 CHEMICALS.

PA

PRELIMINARY INVENTORY STARTED JULY 1985 ON POTENTIAL EMITTERS OF 38 SUBSTANCES. QUANTITATIVE DATA WILL BE SOUGHT IN 1986. CALL CONTACT FOR REPRESENTATIVE INFORMATION ON INVENTORY

TABLE 27. AIR TOXICS EMISSIONS INVENTORY COMMENTS

COMMENTS

PA-PHIL.

THERE ARE 200 SOURCES WITH APPLICABLE EMISSIONS. THE INVENTORY REPRESENTS MAXIMUM EMISSION LEVELS AND MAY NOT BE REFLECTIVE OF DAY TO DAY ACTUAL EMISSIONS, OR ACTUAL ANNUAL EMISSIONS

RI

THERE WAS A ONE TIME INVENTORY OF 500 SOURCES IN OCTOBER 1984 WHICH GATHERED USE INFORMATION FOR 122 SUBSTANCES. BEGINNING IN LATE 1987, WE WILL INVENTORY SOURCES FOR USE OF 40 LISTED TOXIC SUBSTANCES ANNUALLY.

SD

THE INVENTORY SUPPLIED A LIST OF 59 CHEMICALS, BUT FACILITIES WERE ALSO ENCOURAGED TO SUPPLY INFORMATION ABOUT ALL CHEMICALS EMITTED TO THE AMBIENT AIR.

TX

CHEMICAL CLASSES OF CONCERN AND SOME EXAMPLES OF EACH WILL BE PROVIDED IN PART III (INVENTORY DATA)

VT

VT'S EMISSION INVENTORY HAS BEEN COMPILED MAINLY FROM QUESTIONNAIRES BUT ALSO INCLUDES SPECIFIC TEST DATA FROM A SELECTED NUMBER OF SOURCES. VT IS IN THE PROCESS OF DETERMINING EMISSION RATES AND/OR FACTORS FOR THE MAJORITY OF SOURCES WHO HAVE RESPONDED. THIS EFFORT WILL BE ON-GOING OVER THE NEXT YEAR.
VT WILL USE THE INVENTORY TO PRIORITIZE SOURCES THAT MAY BE SIGNIFICANT REGARDING EMISSIONS OF AIR TOXICS.

WA-PUGET

THE EMISSION INVENTORY REPRESENTS CALENDAR YEAR 1986 WITH EMISSIONS CALCULATED FOR 94 POINT SOURCES AND 11 AREA SOURCE CATEGORIES.

WA-OLYMPIA

DATA WAS SUBMITTED TO WA. STATE DEPT. OF ECOLOGY NEDS/WEDS COMPUTER SYSTEN. WE HAVE SOME DATA ON BENZO-ALPHAPYRENE EMISSIONS FROM "SLASH BURNS" - STATE LAND AND OLYMPIC NATIONAL FOREST

WI

WE PLAN TO EXPAND THE LIST OF POLLUTANTS FROM 33 TO ABOUT 500 IN THE NEXT TWO YEARS.

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ACENAPHTHENE (83-32-9)			
WA-PUGET	54.0000	MT/YR	PSAPCA
ACENAPHTHENE-D10 (15067-26-2)			
WA	0.0000	TNS/YR	POINT SOURCES
ACENAPHTHYLENE (208-96-8)			
WA	0.0000	TNS/YR	POINT SOURCES
ACETALDEHYDE (75-07-0)			
CA-BAAQMD	0.1000	TNS/YR	BAY AREA(STATIONARY)
ID	0.0000	TNS/YR	STATEWIDE
MA	0.0000	TNS/YR	
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	72.0000	MT/YR	PSAPCA
ACETIC ACID (64-19-7)			
SD	0.0000	MT/YR	
ACETIC ACID (69-19-7)			
RI	0.0000	TNS/YR	
TN-CHAT.	0.5891	MT/YR	COUNTY
ACETIC ANHYDRIDE (108-24-7)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
ACETONE (67-64-1)			
CA-S.BARB.	1.1800	MT/YR	SANTA BARBARA CO.
MO	0.0000	MT/YR	
OK	8.1200	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	18.3557	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	358.0000	MT/YR	PSAPCA
ACETONITRILE (75-05-8)			
MO	0.0000	MT/YR	
ACROLEIN (107-02-8)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
ACRYLAMIDE (79-06-1)			
MO	0.0000	MT/YR	
ACRYLONITRILE (107-13-1)			
CA-BAAQMD	0.8000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.1810	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ADIPONITRILE (111-69-3)			
MO	0.0000	MT/YR	
ALLYL ALCOHOL (107-18-6)			
MO	0.0000	MT/YR	
ALLYLAMINE (107-11-9)			
MO	0.0000	MT/YR	
AMINOBIPHENYL,4- (92-67-1)			
PA	0.0000	TNS/YR	
AMMONIA (7664-41-7)			
MA	0.0000	TNS/YR	
MO	0.0000	MT/YR	
NV-L.VEGAS	4311.2000	MT/YR	LAS VEGAS VALLEY
OK	975.5100	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
TN-CHAT.	11.9323	MT/YR	COUNTY
WA-PUGET	34.0000	MT/YR	PSAPCA
AMMONIUM CHLORIDE-FUME (12125-02-9)			
SD	0.0000	MT/YR	
AMMONIUM NITRATE (6484-52-2)			
OK	21.5800	MT/YR	STATEWIDE
AMYLACETATE,N- (628-63-7)			
MO	0.0000	MT/YR	
AMYLACETATE,SEC- (626-38-0)			
MO	0.0000	MT/YR	

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ANILINE (62-53-3)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
ANILINE HYDROCHLORIDE (142-04-1)			
RI	0.0000	TNS/YR	
ANISIDINE,O- (90-04-0)			
RI	0.0000	TNS/YR	
ANTHRACENE (120-12-7)			
WA	0.0000	TNS/YR	POINT SOURCES
ANTIMONY (7440-36-0)			
MO	0.0000	MT/YR	
PA-PHIL.	0.9685	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
ANTIMONY OXIDE (1309-64-4)			
MN	0.0000	MT/YR	
AROCLOR 1254 (11097-69-1)			
MA	0.0000	TNS/YR	
ARSENIC AND COMPOUNDS AS AS (7440-38-2)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.6000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0600	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0470	TNS/YR	POINT SOURCE
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
NV-L.VEGAS	0.4200	MT/YR	LAS VEGAS VALLEY
PA-PHIL.	0.0180	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
WI	1.4600	TNS/YR	WI,8 SOURCES
ARSINE (7784-42-1)			
MO	0.0000	MT/YR	
ASBESTOS (1332-21-4)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.1600	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ASBESTOS (1332-21-4)			
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
NV-L.VEGAS	0.0200	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	0.0540	TNS/YR	PHILADELPHIA,PA
TN	0.0000	MT/YR	
WI	0.0900	TNS/YR	WI,4 SOURCES
AURAMINE (2465-27-2)			
RI	0.0000	TNS/YR	
BARIUM (7440-39-3)			
MO	0.0000	MT/YR	
WI	40.0100	TNS/YR	WI,14 SOURCES
BENZ(A)ANTHRACENE (56-55-3)			
MO	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
BENZAL CHLORIDE (98-87-3)			
MO	0.0000	MT/YR	
BENZENE (71-43-2)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	87.1000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	298.6400	MT/YR	SANTA BARBARA CO.
CA-SAC.	1820.0000	MT/YR	AREA SOURCES
CA-SCAQMD	6910.0000	TNS/YR	MOBILE SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
NJ	440.0000	MT/YR	STATEWIDE
NV-L.VEGAS	434.0000	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	25.5100	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	14.2953	MT/YR	COUNTY
WA-OLYMPIA	0.0000	TNS/YR	GRAYS HRBR,HOQUIAM
WA-PUGET	1178.0000	MT/YR	PSAPCA
BENZENE,TOLUENE,XYLENE (CL-BTX)			
KS-TS	10.9000	MT/YR	COUNTY, SW

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
BENZIDINE (92-87-5)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
BENZO(A)PYRENE (50-32-8)			
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0180	TNS/YR	PHILADELPHIA,PA
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	SLASH BURN
WA-PUGET	3.0000	MT/YR	PSAPCA
BENZOIC ACID (65-85-0)			
TN-CHAT.	0.6628	MT/YR	COUNTY
BENZONITRILE (100-47-0)			
MO	0.0000	MT/YR	
BENZOTRICHLORIDE (98-07-7)			
RI	0.0000	TNS/YR	
TN-CHAT.	1.7472	MT/YR	COUNTY
BENZOYL CHLORIDE (98-88-4)			
TN-CHAT.	1.5106	MT/YR	COUNTY
BENZYL ALCOHOL (100-51-6)			
TN-CHAT.	1.4395	MT/YR	COUNTY
BENZYL CHLORIDE (100-44-7)			
CA-BAAQMD	4.0000	TNS/YR	BAY AREA(STATIONARY)
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
BERYLLIUM (7440-41-7)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0900	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0370	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WI	0.0600	MT/YR	WI,8 SOURCES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
BIPHENYL (92-52-4)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	24.2618	MT/YR	COUNTY
BIS(2-CHLOROETHYL) ETHER (111-44-4)			
PA-PHIL.	0.0140	TNS/YR	PHILADELPHIA,PA
BROMINE (7726-95-6)			
WI	47.1000	TNS/YR	WI,8 SOURCES
BUTADIENE,1,3- (106-99-0)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	243.8138	MT/YR	COUNTY
BUTANE (106-97-8)			
OK	186.3600	MT/YR	STATEWIDE
TN-CHAT.	0.2036	MT/YR	COUNTY
BUTANONE,2- (78-93-3)			
CA-S.BARB.	12.0100	MT/YR	SANTA BARBARA CO.
OK	117.9900	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.8356	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	1008.0000	MT/YR	PSAPCA
BUTANONEPEROXIDE,2- (1338-23-4)			
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
BUTYL ALCOHOL (71-36-3)			
OK	0.1300	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0980	MT/YR	COUNTY
WA-PUGET	120.0000	MT/YR	PSAPCA
BUTYLACETATE,N- (123-86-4)			
OK	2.4040	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	1.7237	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	192.0000	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
BUTYRALDEHYDE (123-72-8)			
TN-CHAT.	0.9120	MT/YR	COUNTY
BUTYROLACTONE,4- (96-48-0)			
WA-PUGET	5.0000	MT/YR	PSAPCA
CADMIUM (7440-43-9)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0670	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	6.9100	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NV-L.VEGAS	0.0500	MT/YR	LAS VEGAS VALLEY
PA-PHIL.	0.0035	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WI	0.0400	TNS/YR	WI,12 SOURCES
CALCIUM CHROMATE, ANHYDROUS (13765-19-0)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CALCIUM OXIDE (1305-78-8)			
TN-CHAT.	2.1698	MT/YR	COUNTY
CARBARYL (63-25-2)			
PA-PHIL.	0.2400	TNS/YR	PHILADELPHIA,PA
CARBON DISULFIDE (75-15-0)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
OK	152.3600	MT/YR	STATEWIDE
CARBON TETRABROMIDE (558-13-4)			
NJ	65.0000	MT/YR	STATEWIDE
CARBON TETRACHLORIDE (56-23-5)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	32.5000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.2900	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	3.2000	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	26.9470	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
CARBONYL SULFIDE (463-58-1)			
OK	18.6000	MT/YR	STATEWIDE
CHLORDANE (57-74-9)			
MA	0.0000	TNS/YR	
PA-PHIL.	0.0010	TNS/YR	PHILADELPHIA,PA
CHLORINE (7782-50-5)			
MA	0.0000	TNS/YR	
NV-L.VEGAS	32.7000	MT/YR	LAS VEGAS VALLEY
RI	0.0000	TNS/YR	
TN-CHAT.	3.3982	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WI	1720.4700	TNS/YR	WI,16 SOURCES
CHLORINE DIOXIDE (10049-04-4)			
WA	0.0000	TNS/YR	POINT SOURCES
CHLOROBUTADIENE,2-,1,3- (126-99-8)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
RI	0.0000	TNS/YR	
CHLOROETHANE (75-00-3)			
MA	0.0000	TNS/YR	
CHLOROETHANOL,2- (107-07-3)			
MN	0.0000	TNS/YR	
CHLOROETHYLPHOSPHATE,TRIS,2- (115-96-8)			
TN-CHAT.	1.2829	MT/YR	COUNTY
CHLOROFORM (67-66-3)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	8.4000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.7400	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0006	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	700.0000	MT/YR	STATEWIDE
NV-L.VEGAS	7.9000	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	57.2200	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	88.0000	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
CHLOROMETHYLETHER,BIS (542-88-1)			
MO	0.0000	MT/YR	
PA-PHIL.	0.0280	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
CHLOROPHENOL,M- (108-43-0)			
MA	0.0000	TNS/YR	
CHLOROPROPENE,3- (107-05-1)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CHLOROTOLUENE,O- (95-49-8)			
TN-CHAT.	56.9236	MT/YR	COUNTY
CHROMIUM (7440-47-3)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	22.7000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	2.3000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	13.2000	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NV-L.VEGAS	3.9000	MT/YR	LAS VEGAS VALLEY
PA-PHIL.	2.6000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	3.0000	MT/YR	PSAPCA
WI	2.4800	TNS/YR	WI,10 SOURCES
CHRYSENE (218-01-9)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	5.0000	MT/YR	PSAPCA
COAL TAR (8001-58-9)			
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,OLYMPIA
COAL TAR PITCH VOLATILES (8007-45-2)			
ID	0.0000	TNS/YR	STATEWIDE
PA-PHIL.	1.8100	TNS/YR	PHILADELPHIA,PA
TN-CHAT.	3.1434	MT/YR	COUNTY
COBALT (7440-48-4)			
WI	0.3600	TNS/YR	WI,7 SOURCES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
COKE OVEN EMISSIONS (CL-COE)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
COPPER (7440-50-8)			
WI	1.5700	TNS/YR	WI,11 SOURCES
COPPER(1)CYANIDE (544-92-3)			
TN-CHAT.	0.0473	MT/YR	COUNTY
CREOSOTE (8021-39-4)			
SD	0.0000	MT/YR	
CRESIDINE,P- (120-71-8)			
RI	0.0000	TNS/YR	
CRESOL (ALL ISOMERS) (1319-77-3)			
CA-BAAQMD	5.2000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0290	MT/YR	SANTA BARBARA CO.
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	POINT SOURCES
CRESOL,M- (108-39-4)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CRESOL,O- (95-48-7)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CRESOL,P- (106-44-5)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	13.6364	MT/YR	COUNTY
CUMENE (101-14-4)			
RI	0.0000	TNS/YR	
CYANIDES (143-33-9)			
SD	0.0000	MT/YR	
TN-CHAT.	0.9545	MT/YR	COUNTY
CYCLOHEXANONE (108-94-1)			
OK	3.1400	MT/YR	STATEWIDE
TN-CHAT.	0.7564	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-PUGET	35.0000	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
DI-N-BUTYL PHTHALATE (84-74-2)			
WA-PUGET	2.0000	MT/YR	PSAPCA
DICHLOROBENZENE,1,2- (95-50-1)			
MN	0.0000	TNS/YR	
NJ-HUDSON	0.0900	MT/YR	HUDSON CO.
RI	0.0000	TNS/YR	
DICHLOROBENZENE,1,4- (106-46-7)			
CA-BAAQMD	1.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0090	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DICHLOROBENZIDINE,3,3'- (91-94-1)			
RI	0.0000	TNS/YR	
DICHLOROETHANE,1,1- (75-34-3)			
MN	0.0000	TNS/YR	
DICHLOROETHYLENE,1,1- (75-35-4)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA-PHIL.	0.2440	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
DICHLOROETHYLENE,1,2-,CIS-TRANS- (540-59-0)			
MA	0.0000	TNS/YR	
DICHLOROPROPANE,1,2- (78-87-5)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DICOFOL (115-32-2)			
PA-PHIL.	0.0035	TNS/YR	PHILADELPHIA,PA
DICYCLOPENTADIENE (77-73-6)			
TN-CHAT.	6.8640	MT/YR	COUNTY
DIETHANOLAMINE (111-42-2)			
MA	0.0000	TNS/YR	
DIETHYL SULFATE (64-67-5)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
DIETHYLAMINE (109-89-7)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DIMETHOXYBENZIDINE,3,3'- (119-90-4)			
RI	0.0000	TNS/YR	
DIMETHOXYMETHANE (109-87-5)			
WA-PUGET	2.0000	MT/YR	PSAPCA
DIMETHYL ETHER (115-10-6)			
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
DIMETHYL SULFATE (77-78-1)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DIMETHYL SULFOXIDE (67-68-5)			
MA	0.0000	TNS/YR	
DIMETHYLAMINE (124-40-3)			
MN	0.0000	TNS/YR	
DIMETHYLAMINO ETHANOL (108-01-0)			
WA-PUGET	12.0000	MT/YR	PSAPCA
DIMETHYLAMINOBENZOPHENONE,4,4'-BIS (90-94-8)			
RI	0.0000	TNS/YR	
DIMETHYLANILINE,N,N- (121-69-7)			
WA-PUGET	1.0000	MT/YR	PSAPCA
DIMETHYLBENZIDINE,3,3'- (119-93-7)			
RI	0.0000	TNS/YR	
DIMETHYLFORMAMIDE,N,N- (68-12-2)			
MA	0.0000	TNS/YR	
OK	0.0650	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
DIMETHYLHYDRAZINE,1,1- (57-14-7)			
RI	0.0000	TNS/YR	
DIMETHYLPENTYLPHENYLENEDIAMINE,N,N'- (3081-14-9)			
OK	0.9300	MT/YR	STATEWIDE

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
DIOXANE,1,4- (123-91-1)			
CA-BAAQMD	5.7000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	40.5900	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	2.0000	MT/YR	STATEWIDE
PA-PHIL.	11.2400	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
DIOXINS (CL-DIOXIN)			
WA	0.0000	TNS/YR	POINT SOURCES
DIPHENYLMETHANEDIISOCYANATE,4,4'- (101-68-8)			
OK	0.3900	MT/YR	STATEWIDE
DIRECT BLACK 38 (1937-37-7)			
RI	0.0000	TNS/YR	
DISTILLATES, (PETROLEUM), HYDROTREATED N (64742-52-5)			
OK	46.6100	MT/YR	STATEWIDE
DISTILLATES, (PETROLEUM), HYDROTREATED N (74742-88-7)			
OK	0.4120	MT/YR	STATEWIDE
EPICHLOROHYDRIN (106-89-8)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0005	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ETHANOL (64-17-5)			
OK	0.9870	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	3.4171	MT/YR	COUNTY
ETHER, TERT-BUTYL METHYL (1634-04-4)			
OK	10.4500	MT/YR	STATEWIDE
ETHOXYETHANOL,2- (110-80-5)			
OK	1.3300	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
TN-CHAT.	0.0800	MT/YR	COUNTY
WA-PUGET	19.0000	MT/YR	PSAPCA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ETHOXYETHYLACETATE,2- (111-15-9)			
OK	5.9800	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0991	MT/YR	COUNTY
WA-PUGET	60.0000	MT/YR	PSAPCA
ETHYL ACETATE (141-78-6)			
MA	0.0000	TNS/YR	
OK	2.8700	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
WA-PUGET	103.0000	MT/YR	PSAPCA
ETHYL ACRYLATE (INHIBITED) (140-88-5)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
ETHYL BENZENE (100-41-4)			
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	0.1324	MT/YR	COUNTY
ETHYL ETHER (60-29-7)			
MA	0.0000	TNS/YR	
ETHYLENE (74-85-1)			
MA	0.0000	TNS/YR	
ETHYLENE DIBROMIDE (106-93-4)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-SCAQMD	12.0000	TNS/YR	MOBILE SOURCE
MN	0.0000	TNS/YR	
NJ	8.0000	MT/YR	STATEWIDE
PA-PHIL.	0.0275	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ETHYLENE DICHLORIDE (107-06-2)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.1000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.2100	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	42.7000	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	125.0000	MT/YR	STATEWIDE
NJ-HUDSON	5.6300	MT/YR	HUDSON CO.
PA	0.0000	TNS/YR	

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ETHYLENE DICHLORIDE (107-06-2)			
PA-PHIL.	0.0233	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	6.0000	MT/YR	PSAPCA
ETHYLENE GLYCOL (107-21-1)			
CA-S.BARB.	7.1300	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	
TN-CHAT.	0.0002	MT/YR	COUNTY
WA-OLYMPIA	0.0000	TNS/YR	PACIFIC,RAYMOND
WA-PUGET	36.0000	MT/YR	PSAPCA
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)			
OK	21.0500	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	4.2853	MT/YR	COUNTY
WA-PUGET	99.0000	MT/YR	PSAPCA
ETHYLENE OXIDE (75-21-8)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	20.8000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	2.4700	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	11.3700	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
ETHYLENE THIOUREA (96-45-7)			
PA-PHIL.	0.0320	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ETHYLENEDIAMINE (107-15-3)			
RI	0.0000	TNS/YR	
ETHYLENEIMINE (151-56-4)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
ETHYLHEXYLPHTHALATE,BIS,2- (117-81-7)			
MA	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	1.4320	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
EXTRACTS, (PETROLEUM), HEAVY PARAFFINIC (64742-04-7)			
OK	8.4300	MT/YR	STATEWIDE

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
FLUORANTHENE (206-44-0)			
MA	0.0000	TNS/YR	POINT SOURCES
FLUORENE (86-73-7)			
MA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	15.0000	MT/YR	PSAPCA
FLUORIDES (16984-48-8)			
MA	0.0000	TNS/YR	
FLUORINE (7782-41-4)			
MA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	133.0000	MT/YR	PSAPCA
WI	695.5300	TNS/YR	WI,13 SOURCES
FLUOROTRICHLOROMETHANE (75-69-4)			
TN-CHAT.	411.1836	MT/YR	COUNTY
WA-PUGET	133.0000	MT/YR	PSAPCA
FORMALDEHYDE (50-00-0)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ.(METRO)
CA-BAAQMD	50.7000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	25.5300	MT/YR	SANTA BARBARA CO.
CA-SAC.	1370.0000	TNS/YR	AREA SOURCES
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ-HUDSON	3.5600	MT/YR	HUDSON CO.
NV-L.VEGAS	597.8000	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	44.0500	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	1.4454	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	GRAYS HRBR,HOQUIAM
WA-PUGET	610.0000	MT/YR	PSAPCA
FURFURAL ALCOHOL (98-00-0)			
TN-CHAT.	0.3636	MT/YR	COUNTY
GAMMA-HEXACHLORO-CYCLOHEXANE (58-89-9)			
RI	0.0000	TNS/YR	
GASOLINE (8006-61-9)			
TN-CHAT.	74.4508	MT/YR	COUNTY

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
HEPTACHLOR (76-44-8)			
MA	0.0000	TNS/YR	
HEPTANE (142-82-5)			
SD	0.0000	MT/YR	
WA-PUGET	8.0000	MT/YR	PSAPCA
HEXACHLORO-1,3-BUTADIENE (87-68-3)			
RI	0.0000	TNS/YR	
HEXACHLOROCYCLOPENTADIENE (77-47-4)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
HEXACHLOROETHANE (67-72-1)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
HEXACHLOROPHENE (70-30-4)			
MA	0.0000	TNS/YR	
HEXAMETHYLPHOSPHORAMIDE (680-31-9)			
RI	0.0000	TNS/YR	
HEXANE,N- (110-54-3)			
TN-CHAT.	146.1259	MT/YR	COUNTY
WA-PUGET	5.0000	MT/YR	PSAPCA
HEXANONE,2- (591-78-6)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	AREA SOURCES
HYDRAZINE (302-01-2)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
HYDRAZOBENZENE (122-66-7)			
RI	0.0000	TNS/YR	
HYDROGEN BROMIDE (10035-10-6)			
TN-CHAT.	42.0916	MT/YR	COUNTY

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
HYDROGEN CHLORIDE (7647-01-0)			
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	33.8056	MT/YR	COUNTY
WI	122.8400	TNS/YR	WI,20 SOURCES
HYDROGEN FLUORIDE (7664-39-3)			
MA	0.0000	TNS/YR	
OK	13.5000	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	2.2237	MT/YR	COUNTY
WI	84.9700	TNS/YR	WI,8 SOURCES
HYDROGEN SULFIDE (7783-06-4)			
MA	0.0000	TNS/YR	
OK	32.5300	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
TN-CHAT.	0.0378	MT/YR	COUNTY
WA-PUGET	1.0000	MT/YR	PSAPCA
IODOMETHANE (74-88-4)			
RI	0.0000	TNS/YR	
IRON (15438-31-0)			
OK	0.2700	MT/YR	STATEWIDE
ISOAMYL ACETATE (123-92-2)			
MA	0.0000	TNS/YR	
MO	0.0000	MT/YR	
ISOBUTYL ACETATE (110-19-0)			
MA	0.0000	TNS/YR	
WA-PUGET	1.0000	MT/YR	PSAPCA
ISOBUTYL ALCOHOL (78-83-1)			
MA	0.0000	TNS/YR	
WA-PUGET	2.0000	MT/YR	PSAPCA
ISOBUTYRALDEHYDE (78-84-2)			
TN-CHAT.	0.1636	MT/YR	COUNTY
ISOPROPANOL (67-63-0)			
OK	9.6700	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	516.1705	MT/YR	COUNTY

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ISOPROPANOL (67-63-0)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	3012.0000	MT/YR	PSAPCA
ISOPROPYL ACETATE (108-21-4)			
MA	0.0000	TNS/YR	
KETENE (463-51-4)			
MN	0.0000	TNS/YR	
LEAD ACETATE (1335-32-6)			
MA	0.0000	TNS/YR	
LEAD OXIDE, (PBO) (1317-36-8)			
OK	0.0930	MT/YR	STATEWIDE
LEAD POWDER (7439-92-1)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	2.5000	TNS/YR	BAY AREA(STATIONARY)
CA-SCAQMD	2030.0000	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
OK	0.5730	MT/YR	STATEWIDE
PA-PHIL.	19.0200	TNS/YR	PHILADELPHIA,PA
TN-CHAT.	0.0002	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	226.0000	MT/YR	PSAPCA
WI	9.2200	TNS/YR	WI,26 SOURCES
MAGNESIUM OXIDE FUME (1309-48-8)			
TN-CHAT.	0.2509	MT/YR	COUNTY
MALEIC ANHYDRIDE (108-31-6)			
CA-BAAQMD	4.4000	TNS/YR	BAY AREA(STATIONARY)
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
MANGANESE (7439-96-5)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.9100	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
PA-PHIL.	16.8100	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
MANGANESE (7439-96-5)			
WA-PUGET	304.0000	MT/YR	PSAPCA
WI	4.0200	TNS/YR	WI,14 SOURCES
MERCURY (7439-97-6)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.2900	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.1300	TNS/YR	POINT SOURCE
MN	0.0000	TNS/YR	
PA-PHIL.	0.0010	TNS/YR	PHILADELPHIA,PA
WA	0.0000	TNS/YR	POINT SOURCES
WI	2.3700	TNS/YR	WI,13 SOURCES
METHANE (74-82-8)			
WA	0.0000	TNS/YR	AREA SOURCES
METHANOL (67-56-1)			
CA-S.BARB.	0.0290	MT/YR	SANTA BARBARA CO.
OK	496.4700	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	466.7302	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	PACIFIC,RAYMOND
WA-PUGET	16.0000	MT/YR	PSAPCA
METHOXYCHLOR (72-43-5)			
PA-PHIL.	0.0040	TNS/YR	PHILADELPHIA,PA
METHOXYETHANOL,2- (109-86-4)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL ACRYLATE (96-33-3)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL BROMIDE (74-83-9)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ.(METRO)
CA-BAAQMD	4.2000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.8100	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	24.4000	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA-PHIL.	2.4010	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	5.0000	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
METHYL BUTANE (78-78-4)			
OK	52.9700	MT/YR	STATEWIDE
METHYL CHLORIDE (74-87-3)			
PA-PHIL.	69.0000	TNS/YR	PHILADELPHIA,PA
WA	0.0000	TNS/YR	POINT SOURCES
METHYL CHLOROMETHYL ETHER (107-30-2)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL FORMATE (107-31-3)			
WA-PUGET	5.0000	MT/YR	PSAPCA
METHYL ISOCYANATE (624-83-9)			
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
METHYL METHACRYLATE (80-62-6)			
MA	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL N-AMYL KETONE (110-43-0)			
OK	2.8700	MT/YR	STATEWIDE
TN-CHAT.	0.0145	MT/YR	COUNTY
WA-PUGET	1.0000	MT/YR	PSAPCA
METHYLENE CHLORIDE (75-09-2)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	186.4000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	19.8400	MT/YR	SANTA BARBARA CO.
CA-SAC.	370.0000	TNS/YR	POINT SOURCES
CA-SCAQMD	10200.0000	TNS/YR	AREA SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ-HUDSON	153.4500	MT/YR	HUDSON CO.
OK	32.1000	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	293.1098	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-OLYMPIA	0.0000	TNS/YR	CLELLAM,PORT ANGELES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
METHYLENE CHLORIDE (75-09-2)			
WA-PUGET	73.0000	MT/YR	PSAPCA
WI	64.6800	TNS/YR	WI,41 SOURCES
METHYLPENTANONE,4-,2- (108-10-1)			
OK	3.7000	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	2.1559	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-PUGET	52.0000	MT/YR	PSAPCA
METHYLPYRIDINE,2- (109-06-8)			
RI	0.0000	TNS/YR	
METHYLPYRROLIDONE,N-,2- (872-50-4)			
OK	0.2540	MT/YR	STATEWIDE
TN-CHAT.	0.3164	MT/YR	COUNTY
MOLYBDENUM (7439-98-7)			
WI	0.4700	TNS/YR	WI,6 SOURCES
MONOCHLOROBENZENE (108-90-7)			
CA-BAAQMD	0.1000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0700	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
MONOMETHYLAMINE (74-89-5)			
WA-PUGET	9.0000	MT/YR	PSAPCA
N-METHYL PROPYL KETONE (107-87-9)			
WA-PUGET	2.0000	MT/YR	PSAPCA
N-NITROSODIMETHYLAMINE (62-75-9)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
N-NITROSODIPHENYLAMINE (86-30-6)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
N-NITROSOMORPHOLINE (59-89-2)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
NAPHTHA (8030-30-6)			
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
OK	27.0800	MT/YR	STATEWIDE
TN-CHAT.	74.7104	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-OLYMPIA	0.0000	TNS/YR	CLELLAM,PORT ANGELES
NAPHTHALENE (91-20-3)			
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	GRAYS HRBR,HOQUIAM
WA-PUGET	67.0000	MT/YR	PSAPCA
NAPHTHYLLACTATE,2- (93-43-6)			
WA-PUGET	3.0000	MT/YR	PSAPCA
NICKEL (7440-02-2)			
PA-PHIL.	0.9130	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
NICKEL CARBONYL (13463-39-3)			
RI	0.0000	TNS/YR	
WI	0.0000	TNS/YR	
NICKEL OXIDE (1313-99-1)			
MA	0.0000	TNS/YR	
NICKEL POWDER (7440-02-0)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	4.1400	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	2.4000	TNS/YR	MOBILE SOURCE
MN	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
WI	1.4700	TNS/YR	WI,15 SOURCES
NITRIC ACID (7697-37-2)			
OK	118.6300	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
WI	55.2000	TNS/YR	WI,13 SOURCES
NITRIC ACID SODIUM SALT (7631-99-4)			
OK	0.3900	MT/YR	STATEWIDE
NITROANISIDINE,5-,O- (99-59-2)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
NITROBENZENE (98-95-3)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
NITROMETHANE (75-52-5)			
WA-PUGET	3.0000	MT/YR	PSAPCA
NITROPROPANE,2- (79-46-9)			
RI	0.0000	TNS/YR	
NITROSO COMPOUNDS (CL-NITROSO)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
NITROSOPYRROLIDINE,1- (930-55-2)			
MN	0.0000	TNS/YR	
ORGANIC COMPOUNDS (CL-ORGANIC)			
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,OLYMPIA
PCB-1248 (12672-29-6)			
MA	0.0000	TNS/YR	
PENTACHLOROPHENOL (87-86-5)			
MA	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0690	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	MASON,SHELTON
PETROLEUM DISTILLATES (8002-05-9)			
WA-OLYMPIA	0.0000	TNS/YR	CLELLAM,PORT ANGELES
PHENANTHRENE (85-01-8)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	49.0000	MT/YR	PSAPCA
PHENOL (108-95-2)			
CA-BAAQMD	16.9000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	3.5500	MT/YR	SANTA BARBARA CO.
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ-HUDSON	2.6200	MT/YR	HUDSON CO.

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
PHENOL (108-95-2)			
OK	0.3200	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	100.8220	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	42.5716	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-PUGET	1037.0000	MT/YR	PSAPCA
PHENYLBENZENAMINE,N- (122-39-4)			
RI	0.0000	TNS/YR	
PHENYLHYDRAZINE (100-63-0)			
RI	0.0000	TNS/YR	
PHENYLNAPHTHYLAMINE,N-,2- (135-88-6)			
RI	0.0000	TNS/YR	
PHOSGENE (75-44-5)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0090	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
PHOSPHORIC ACID (7664-38-2)			
OK	8.6000	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
WI	12.8700	TNS/YR	WI,6 SOURCES
PHOSPHOROUS (YELLOW) (7723-14-0)			
WI	0.3200	TNS/YR	WI, 1 SOURCE
PHTHALIC ANHYDRIDE (85-44-9)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
PLATINUM (7440-06-4)			
WI	0.9200	TNS/YR	WI,6 SOURCES
POLYCHLORINATED BIPHENYL (AROCLOR 1242) (53469-21-9)			
MA	0.0000	TNS/YR	
POLYCHLORINATED BIPHENYLS (1336-36-3)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA-PHIL.	0.0010	TNS/YR	PHILADELPHIA,PA
POLYCYCLIC AROMATIC COMPOUNDS (CL-PAH)			
WA	0.0000	TNS/YR	AREA SOURCES
POLYCYCLIC ORGANIC MATTER (CL-POM)			
WA	0.0000	TNS/YR	POINT SOURCES
POTASSIUM CYANIDE (151-50-8)			
WI	0.9700	TNS/YR	WI,11 SOURCES
PROPANE SULTONE (1120-71-4)			
RI	0.0000	TNS/YR	
PROPANE, 2-METHYL- (75-28-5)			
OK	27.2200	MT/YR	STATEWIDE
PROPANEDIOL,1,2- (57-55-6)			
WA-PUGET	220.0000	MT/YR	PSAPCA
PROPYL ALCOHOL (71-23-8)			
OK	0.0930	MT/YR	STATEWIDE
PROPYLACETATE,N- (109-60-4)			
OK	0.9700	MT/YR	STATEWIDE
TN-CHAT.	0.4786	MT/YR	COUNTY
WA-PUGET	45.0000	MT/YR	PSAPCA
PROPYLENE OXIDE (75-56-9)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
PROPYLENEIMINE (75-55-8)			
PA-PHIL.	0.0005	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
PYRENE (129-00-0)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	21.0000	MT/YR	PSAPCA
RADIATION (CL-RAD)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
RESINS (CL-RESIN)			
SD	0.0000	MT/YR	

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
RESORCINOL (108-46-3)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SELENIUM COMPOUNDS, AS SE (7782-49-2)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
WI	5.0000	TNS/YR	WI,8 SOURCES
SELENIUM SULFIDE (7446-34-6)			
MA	0.0000	TNS/YR	
SILICA (7631-86-9)			
OK	0.0330	MT/YR	STATEWIDE
SODIUM DICHROMATE (10588-01-9)			
OK	0.3600	MT/YR	STATEWIDE
SODIUM HYDROXIDE (1310-73-2)			
OK	0.2630	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
SOLVENTS (CL-SOLVENT)			
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,OLYMPIA
STODDARD SOLVENT (8052-41-3)			
WA-PUGET	597.0000	MT/YR	PSAPCA
STRONTIUM CHROMATE (7789-06-2)			
OK	0.2200	MT/YR	STATEWIDE
STYRENE (100-42-5)			
MA	0.0000	TNS/YR	
OK	31.4600	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	279.1549	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,YELM
WA-PUGET	340.0000	MT/YR	PSAPCA
STYRENE OXIDE (96-09-3)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
SULFURIC ACID (7664-93-9)			
OK	8.1600	MT/YR	STATEWIDE
TN-CHAT.	7.5873	MT/YR	COUNTY
WI	15.7700	TNS/YR	WI,15 SOURCES
SULFURIC ACID, ZINC SALT (1:1) (7733-02-0)			
OK	10.2500	MT/YR	STATEWIDE
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P- (1746-01-6)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
PA	0.0000	TNS/YR	
TETRACHLORODIFLUOROETHANE,1,1,2,2-,1,2- (76-12-0)			
MA	0.0000	TNS/YR	
TETRACHLOROETHANE (25322-20-7)			
MA	0.0000	TNS/YR	
TETRACHLOROETHANE,1,1,2,2- (79-34-5)			
MA	0.0000	TNS/YR	
MJ	1.0000	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	0.0150	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
TETRACHLOROETHYLENE (127-18-4)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	1009.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	74.9500	MT/YR	SANTA BARBARA CO.
CA-SAC.	290.0000	TNS/YR	AREA SOURCES
CA-SCAQMD	8850.0000	TNS/YR	AREA SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
KS-TS	13.8000	MT/YR	COUNT, SN
MA	0.0000	TNS/YR	
MW	0.0000	TNS/YR	
MJ	115.0000	MT/YR	STATEWIDE
MJ-HUDSON	24.4900	MT/YR	HUDSON CO.
NV-L.VEGAS	36.5000	MT/YR	LAS VEGAS VALLEY
OK	10.8300	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	187.5470	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.3971	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) AGENCY	EMISSIONS	UNIT	AREA
TETRACHLOROETHYLENE (127-18-4)			
WA-OLYMPIA	0.0000	TNS/YR	CLELLAN,PORT ANGELES
WA-PUGET	1417.0000	MT/YR	PSAPCA
TETRAHYDROFURAN (109-99-9)			
MA	0.0000	TNS/YR	
THALLIUM, SOLUBLE COMPOUNDS, AS TL (7440-28-0)			
PA-PHIL.	0.0005	TNS/YR	PHILADELPHIA,PA
WI	0.5300	TNS/YR	WI,7 SOURCES
TIN, AS SN (7440-31-5)			
WI	6.4400	TNS/YR	WI,17 SOURCES
TOLUENE (108-88-3)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	228.6000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	41.5900	MT/YR	SANTA BARBARA CO
CA-SAC.	3000.0000	TNS/YR	AREA SOURCES
CA-SCAQMD	14200.0000	TNS/YR	MOBILE SOURCE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ-HUDSON	27.0800	MT/YR	HUDSON CO.
OK	83.8500	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	1637.1760	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	3261.0000	MT/YR	PSAPCA
TOLUENE DIISOCYANATE (26471-62-5)			
SD	0.0000	MT/YR	
TN-CHAT.	0.3697	MT/YR	COUNTY
TOLUENE,2,4-DIISOCYANATE (584-84-9)			
RI	0.0000	TNS/YR	
TOLUIDINE,O- (95-53-4)			
RI	0.0000	TNS/YR	
TOLUIDINEHYDROCHLORIDE,O- (636-21-5)			
RI	0.0000	TNS/YR	
TOTAL CARBON (CL-CARBON)			
NV-L.VEGAS	430.2000	MT/YR	LAS VEGAS VALLEY

POLLUTANT NAME (CAS #) AGENCY	EMISSIONS	UNIT	AREA
TRICHLOROACETIC ACID (76-03-9)			
RI	0.0000	TNS/YR	
TRICHLOROETHANE,1,1,1- (71-55-6)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	569.2000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	132.4500	MT/YR	SANTA BARBARA CO.
CA-SAC.	480.0000	TNS/YR	POINT SOURCES
CA-SCAQMD	6150.0000	TNS/YR	AREA SOURCE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ-HUDSON	7.5600	MT/YR	HUDSON CO.
OK	64.3300	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	10.7356	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	CLELLAN,PORT ANGELES
WA-PUGET	2752.0000	MT/YR	PSAPCA
WI	128.3700	TNS/YR	WI,115 SOURCES
TRICHLOROETHANE,1,1,2- (79-00-5)			
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
NJ	8.0000	MT/YR	STATEWIDE
PA-PHIL.	1.3000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
TRICHLOROETHYLENE (79-01-6)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	31.9000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	20.2200	MT/YR	SANTA BARBARA CO.
CA-SAC.	36.0000	TNS/YR	POINT SOURCES
CA-SCAQMD	546.0000	TNS/YR	AREA SOURCE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ	730.0000	MT/YR	STATEWIDE
NJ-HUDSON	88.0100	MT/YR	HUDSON CO.
OK	77.7300	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	0.6666	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	7.3745	MT/YR	COUNTY
WA-PUGET	367.0000	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
TRICHLOROPHENOL,2,4,6- (88-06-2)			
RI	0.0000	TNS/YR	
TRICHLOROTRIFLUOROMETHANE,1,1,2- (76-13-1)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
WA-PUGET	254.0000	MT/YR	PSAPCA
TRIETHYLAMINE (121-44-8)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
URANIUM (7440-61-1)			
WI	0.1700	TNS/YR	WI,7 SOURCES
UREA (57-13-6)			
TN-CHAT.	1.2727	MT/YR	COUNTY
VANADIUM (7440-62-2)			
MA	0.0000	TNS/YR	
VANADIUM PENTOXIDE (1314-62-1)			
RI	0.0000	TNS/YR	
WI	2.3400	TNS/YR	WI,7 SOURCES
VINYL ACETATE (108-05-4)			
RI	0.0000	TNS/YR	
VINYL BROMIDE (593-60-2)			
RI	0.0000	TNS/YR	
VINYL CHLORIDE (75-01-4)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0220	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	1.3700	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	108.4400	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
VINYLCYCLOHEXENEDIOXIDE,1-,3- (106-87-6)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
VOLATILE ORGANIC COMPOUNDS (CL-VOC)			
KS-TS	36.8000	MT/YR	COUNTY, SN
WA	0.0000	TNS/YR	POINT SOURCES
XYLENE (1330-20-7)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	226.7000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	972.2800	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	8950.0000	TNS/YR	MOBILE SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ-HUDSON	9.2300	MT/YR	HUDSON CO.
OK	85.5700	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	8.2661	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	3146.0000	MT/YR	PSAPCA
XYLENE,M- (108-38-3)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
XYLENE,O- (95-47-6)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
XYLENE,P- (106-42-3)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
ZINC (7440-66-6)			
MN	0.0000	TNS/YR	
OK	0.8730	MT/YR	STATEWIDE
WA-PUGET	1.0000	MT/YR	PSAPCA
WI	5.9700	TNS/YR	WI,5 SOURCES
ZINC CHLORIDE, FUME (7646-85-7)			
OK	0.0640	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
ZINC OXIDE, FUME (1314-13-2)			
OK	4.2000	MT/YR	STATEWIDE

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ZINEB (12122-67-7)			
PA-PHIL.	4.7000	TNS/YR	PHILADELPHIA,PA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ACENAPHTHENE (83-32-9)			
WA-PUGET	0.0054	MT/YR	PSAPCA
ACENAPHTHENE-D10 (15067-26-2)			
WA	0.0000	TNS/YR	POINT SOURCES
ACENAPHTHYLENE (208-96-8)			
WA	0.0000	TNS/YR	POINT SOURCES
ACETALDEHYDE (75-07-0)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
ID	0.0000	TNS/YR	STATEWIDE
MA	0.0000	TNS/YR	
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0072	MT/YR	PSAPCA
ACETIC ACID (64-19-7)			
SD	0.0000	MT/YR	
ACETIC ACID (69-19-7)			
RI	0.0000	TNS/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
ACETIC ANHYDRIDE (108-24-7)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
ACETONE (67-64-1)			
CA-S.BARB.	0.0001	MT/YR	SANTA BARBARA CO.
MO	0.0000	MT/YR	
OK	0.0008	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0018	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0358	MT/YR	PSAPCA
ACETONITRILE (75-05-8)			
MO	0.0000	MT/YR	
ACROLEIN (107-02-8)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	MT/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ACROLEIN (107-02-8)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
ACRYLAMIDE (79-06-1)			
MO	0.0000	MT/YR	
ACRYLONITRILE (107-13-1)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ADIPONITRILE (111-69-3)			
MO	0.0000	MT/YR	
ALLYL ALCOHOL (107-18-6)			
MO	0.0000	MT/YR	
ALLYLAMINE (107-11-9)			
MO	0.0000	MT/YR	
AMINOBIPHENYL,4- (92-67-1)			
PA	0.0000	TNS/YR	
AMMONIA (7664-41-7)			
MA	0.0000	TNS/YR	
MO	0.0000	MT/YR	
NV-L.VEGAS	0.4311	MT/YR	LAS VEGAS VALLEY
OK	0.0975	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
TN-CHAT.	0.0011	MT/YR	COUNTY
WA-PUGET	0.0034	MT/YR	PSAPCA
AMMONIUM CHLORIDE-FUME (12125-02-9)			
SD	0.0000	MT/YR	
AMMONIUM NITRATE (6484-52-2)			
OK	0.0021	MT/YR	STATEWIDE
AMYLACETATE,N- (628-63-7)			
MO	0.0000	MT/YR	
AMYLACETATE,SEC- (626-38-0)			
MO	0.0000	MT/YR	

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ANILINE (62-53-3)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
ANILINE HYDROCHLORIDE (142-04-1)			
RI	0.0000	TNS/YR	
ANISIDINE,O- (90-04-0)			
RI	0.0000	TNS/YR	
ANTHRACENE (120-12-7)			
WA	0.0000	TNS/YR	POINT SOURCES
ANTIMONY (7440-36-0)			
MO	0.0000	MT/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
ANTIMONY OXIDE (1309-64-4)			
MN	0.0000	MT/YR	
AROCLOR 1254 (11097-69-1)			
MA	0.0000	TNS/YR	
ARSENIC AND COMPOUNDS AS AS (7440-38-2)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0000	TNS/YR	POINT SOURCE
MN	0.0000	MT/YR	
MO	0.0000	MT/YR	
NV-L.VEGAS	0.0000	MT/YR	LAS VEGAS VALLEY
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
WI	0.0001	TNS/YR	WI,8 SOURCES
ARSINE (7784-42-1)			
MO	0.0000	MT/YR	
ASBESTOS (1332-21-4)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ASBESTOS (1332-21-4)			
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
NV-L.VEGAS	0.0000	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
WI	0.0000	TNS/YR	WI,4 SOURCES
AURAMINE (2465-27-2)			
RI	0.0000	TNS/YR	
BARIUM (7440-39-3)			
MO	0.0000	MT/YR	
WI	0.0040	TNS/YR	WI,14 SOURCES
BENZ(A)ANTHRACENE (56-55-3)			
MO	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
BENZAL CHLORIDE (98-87-3)			
MO	0.0000	MT/YR	
BENZENE (71-43-2)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0087	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0298	MT/YR	SANTA BARBARA CO.
CA-SAC.	0.1820	MT/YR	AREA SOURCES
CA-SCAQMD	0.6910	TNS/YR	MOBILE SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
NJ	0.0440	MT/YR	STATEWIDE
NV-L.VEGAS	0.0434	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	0.0025	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0014	MT/YR	COUNTY
WA-OLYMPIA	0.0000	TNS/YR	GRAYS HRBR,HOQUIAM
WA-PUGET	0.1178	MT/YR	PSAPCA
BENZENE,TOLUENE,XYLENE (CL-BTX)			
KS-TS	0.0010	MT/YR	COUNTY, SN

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
BENZIDINE (92-87-5)			
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
BENZO(A)PYRENE (50-32-8)			
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	SLASH BURN
WA-PUGET	0.0003	MT/YR	PSAPCA
BENZOIC ACID (65-85-0)			
TN-CHAT.	0.0000	MT/YR	COUNTY
BENZONITRILE (100-47-0)			
MO	0.0000	MT/YR	
BENZOTRICHLORIDE (98-07-7)			
RI	0.0000	TNS/YR	
TN-CHAT.	0.0001	MT/YR	COUNTY
BENZOYL CHLORIDE (98-88-4)			
TN-CHAT.	0.0001	MT/YR	COUNTY
BENZYL ALCOHOL (100-51-6)			
TN-CHAT.	0.0001	MT/YR	COUNTY
BENZYL CHLORIDE (100-44-7)			
CA-BAAQMD	0.0004	TNS/YR	BAY AREA(STATIONARY)
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
RI	0.0000	TNS/YR	
BERYLLIUM (7440-41-7)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0000	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WI	0.0000	MT/YR	WI,8 SOURCES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
BIPHENYL (92-52-4)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	0.0024	MT/YR	COUNTY
BIS(2-CHLOROETHYL) ETHER (111-44-4)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
BROMINE (7726-95-6)			
WI	0.0047	TNS/YR	WI,8 SOURCES
BUTADIENE,1,3- (106-99-0)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	0.0243	MT/YR	COUNTY
BUTANE (106-97-8)			
OK	0.0186	MT/YR	STATEWIDE
TN-CHAT.	0.0000	MT/YR	COUNTY
BUTANONE,2- (78-93-3)			
CA-S.BARB.	0.0012	MT/YR	SANTA BARBARA CO.
OK	0.0117	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.1008	MT/YR	PSAPCA
BUTANONEPEROXIDE,2- (1338-23-4)			
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
BUTYL ALCOHOL (71-36-3)			
OK	0.0000	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-PUGET	0.0120	MT/YR	PSAPCA
BUTYLACETATE,N- (123-86-4)			
OK	0.0002	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0001	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0192	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
BUTYRALDEHYDE (123-72-8)			
TN-CHAT.	0.0000	MT/YR	COUNTY
BUTYROLACTONE,4- (96-48-0)			
WA-PUGET	0.0005	MT/YR	PSAPCA
CADMIUM (7440-43-9)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0006	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NV-L.VEGAS	0.0000	MT/YR	LAS VEGAS VALLEY
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WI	0.0000	TNS/YR	WI,12 SOURCES
CALCIUM CHROMATE, ANHYDROUS (13765-19-0)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CALCIUM OXIDE (1305-78-8)			
TN-CHAT.	0.0002	MT/YR	COUNTY
CARBARYL (63-25-2)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
CARBON DISULFIDE (75-15-0)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
OK	0.0152	MT/YR	STATEWIDE
CARBON TETRABROMIDE (558-13-4)			
NJ	0.0065	MT/YR	STATEWIDE
CARBON TETRACHLORIDE (56-23-5)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0032	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0003	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0026	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
CARBONYL SULFIDE (463-58-1)			
OK	0.0018	MT/YR	STATEWIDE
CHLORDANE (57-74-9)			
MA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
CHLORINE (7782-50-5)			
MA	0.0000	TNS/YR	
NV-L.VEGAS	0.0032	MT/YR	LAS VEGAS VALLEY
RI	0.0000	TNS/YR	
TN-CHAT.	0.0003	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WI	0.1720	TNS/YR	WI,16 SOURCES
CHLORINE DIOXIDE (10049-04-4)			
WA	0.0000	TNS/YR	POINT SOURCES
CHLOROBUTADIENE,2-,1,3- (126-99-8)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
RI	0.0000	TNS/YR	
CHLOROETHANE (75-00-3)			
MA	0.0000	TNS/YR	
CHLOROETHANOL,2- (107-07-3)			
MN	0.0000	TNS/YR	
CHLOROETHYLPHOSPHATE,TRIS,2- (115-96-8)			
TN-CHAT.	0.0001	MT/YR	COUNTY
CHLOROFORM (67-66-3)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0008	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0000	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	0.0700	MT/YR	STATEWIDE
NV-L.VEGAS	0.0007	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	0.0057	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	0.0068	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
CHLOROMETHYLETHER,BIS (542-88-1)			
MO	0.0000	MT/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
CHLOROPHENOL,N- (108-43-0)			
MA	0.0000	TNS/YR	
CHLOROPROPENE,3- (107-05-1)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
MO	0.0000	MT/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CHLOROTOLUENE,O- (95-49-8)			
TN-CHAT.	0.0056	MT/YR	COUNTY
CHROMIUM (7440-47-3)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0022	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0002	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0013	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NV-L.VEGAS	0.0003	MT/YR	LAS VEGAS VALLEY
PA-PHIL.	0.0002	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0003	MT/YR	PSAPCA
WI	0.0002	TNS/YR	WI,10 SOURCES
CHRYSENE (218-01-9)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0005	MT/YR	PSAPCA
COAL TAR (8001-58-9)			
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,OLYMPIA
COAL TAR PITCH VOLATILES (8007-45-2)			
ID	0.0000	TNS/YR	STATEWIDE
PA-PHIL.	0.0001	TNS/YR	PHILADELPHIA,PA
TN-CHAT.	0.0003	MT/YR	COUNTY
COBALT (7440-48-4)			
WI	0.0000	TNS/YR	WI,7 SOURCES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
COKE OVEN EMISSIONS (CL-COE)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
COPPER (7440-50-8)			
WI	0.0001	TNS/YR	WI,11 SOURCES
COPPER(1)CYANIDE (544-92-3)			
TN-CHAT.	0.0000	MT/YR	COUNTY
CREOSOTE (8021-39-4)			
SD	0.0000	MT/YR	
CRESIDINE,P- (120-71-8)			
RI	0.0000	TNS/YR	
CRESOL (ALL ISOMERS) (1319-77-3)			
CA-BAAQMD	0.0005	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
WA	0.0000	TNS/YR	POINT SOURCES
CRESOL,M- (108-39-4)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CRESOL,O- (95-48-7)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
CRESOL,P- (106-44-5)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	0.0013	MT/YR	COUNTY
CURENE (101-14-4)			
RI	0.0000	TNS/YR	
CYANIDES (143-33-9)			
SD	0.0000	MT/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
CYCLOHEXANONE (108-94-1)			
OK	0.0003	MT/YR	STATEWIDE
TN-CHAT.	0.0000	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-PUGET	0.0035	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
DI-N-BUTYL PHTHALATE (84-74-2)			
WA-PUGET	0.0002	MT/YR	PSAPCA
DICHLOROBENZENE,1,2- (95-50-1)			
MN	0.0000	TNS/YR	
NJ-HUDSON	0.0000	MT/YR	HUDSON CO.
RI	0.0000	TNS/YR	
DICHLOROBENZENE,1,4- (106-46-7)			
CA-BAAQMD	0.0001	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DICHLOROBENZIDINE,3,3'- (91-94-1)			
RI	0.0000	TNS/YR	
DICHLOROETHANE,1,1- (75-34-3)			
MN	0.0000	TNS/YR	
DICHLOROETHYLENE,1,1- (75-35-4)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
DICHLOROETHYLENE,1,2-,CIS-TRANS- (540-59-0)			
MA	0.0000	TNS/YR	
DICHLOROPROPANE,1,2- (78-87-5)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DICOFOL (115-32-2)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
DICYCLOPENTADIENE (77-73-6)			
TN-CHAT.	0.0006	MT/YR	COUNTY
DIETHANOLAMINE (111-42-2)			
MA	0.0000	TNS/YR	
DIETHYL SULFATE (64-67-5)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
DIETHYLAMINE (109-89-7)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DIMETHOXYBENZIDINE,3,3'- (119-90-4)			
RI	0.0000	TNS/YR	
DIMETHOXYMETHANE (109-87-5)			
WA-PUGET	0.0002	MT/YR	PSAPCA
DIMETHYL ETHER (115-10-6)			
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
DIMETHYL SULFATE (77-78-1)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
DIMETHYL SULFOXIDE (67-68-5)			
MA	0.0000	TNS/YR	
DIMETHYLAMINE (124-40-3)			
MN	0.0000	TNS/YR	
DIMETHYLAMINO ETHANOL (108-01-0)			
WA-PUGET	0.0012	MT/YR	PSAPCA
DIMETHYLAMINOBENZOPHENONE,4,4'-BIS (90-94-8)			
RI	0.0000	TNS/YR	
DIMETHYLANILINE,N,N- (121-69-7)			
WA-PUGET	0.0001	MT/YR	PSAPCA
DIMETHYLBENZIDINE,3,3'- (119-93-7)			
RI	0.0000	TNS/YR	
DIMETHYLFORMAMIDE,N,N- (68-12-2)			
MA	0.0000	TNS/YR	
OK	0.0000	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
DIMETHYLHYDRAZINE,1,1- (57-14-7)			
RI	0.0000	TNS/YR	
DIMETHYLPENTYLPHENYLENEDIAMINE,N,N'- (3081-14-9)			
OK	0.0000	MT/YR	STATEWIDE

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
DIOXANE,1,4- (123-91-1)			
CA-BAAQMD	0.0005	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0040	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	0.0002	MT/YR	STATEWIDE
PA-PHIL.	0.0011	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
DIOXINS (CL-DIOXIN)			
WA	0.0000	TNS/YR	POINT SOURCES
DIPHENYLMETHANEDIISOCYANATE,4,4'- (101-68-8)			
OK	0.0000	MT/YR	STATEWIDE
DIRECT BLACK 38 (1937-37-7)			
RI	0.0000	TNS/YR	
DISTILLATES, (PETROLEUM), HYDROTREATED H (64742-52-5)			
OK	0.0046	MT/YR	STATEWIDE
DISTILLATES, (PETROLEUM), HYDROTREATED H (74742-88-7)			
OK	0.0000	MT/YR	STATEWIDE
EPICHLOROHYDRIN (106-89-8)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ETHANOL (64-17-5)			
OK	0.0000	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0003	MT/YR	COUNTY
ETHER, TERT-BUTYL METHYL (1634-04-4)			
OK	0.0010	MT/YR	STATEWIDE
ETHOXYETHANOL,2- (110-80-5)			
OK	0.0001	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-PUGET	0.0019	MT/YR	PSAPCA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ETHOXYETHYLACETATE,2- (111-15-9)			
OK	0.0005	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-PUGET	0.0060	MT/YR	PSAPCA
ETHYL ACETATE (141-78-6)			
MA	0.0000	TNS/YR	
OK	0.0002	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
WA-PUGET	0.0103	MT/YR	PSAPCA
ETHYL ACRYLATE (INHIBITED) (140-88-5)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
ETHYL BENZENE (100-41-4)			
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
ETHYL ETHER (60-29-7)			
MA	0.0000	TNS/YR	
ETHYLENE (74-85-1)			
MA	0.0000	TNS/YR	
ETHYLENE DIBROMIDE (106-93-4)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-SCAQMD	0.0012	TNS/YR	MOBILE SOURCE
MN	0.0000	TNS/YR	
NJ	0.0008	MT/YR	STATEWIDE
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ETHYLENE DICHLORIDE (107-06-2)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0042	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	0.0125	MT/YR	STATEWIDE
NJ-HUDSON	0.0005	MT/YR	HUDSON CO.
PA	0.0000	TNS/YR	

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ETHYLENE DICHLORIDE (107-06-2)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
WA-PUGET	0.0006	MT/YR	PSAPCA
ETHYLENE GLYCOL (107-21-1)			
CA-S.BARB.	0.0007	MT/YR	SANTA BARBARA CO.
MA	0.0000	TNS/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-OLYMPIA	0.0000	TNS/YR	PACIFIC,RAYMOND
WA-PUGET	0.0036	MT/YR	PSAPCA
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)			
OK	0.0021	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0004	MT/YR	COUNTY
WA-PUGET	0.0099	MT/YR	PSAPCA
ETHYLENE OXIDE (75-21-8)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0020	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0002	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0011	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
ETHYLENE THIOUREA (96-45-7)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
ETHYLENEDIAMINE (107-15-3)			
RI	0.0000	TNS/YR	
ETHYLENEIMINE (151-56-4)			
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
ETHYLHEXYLPHTHALATE,BIS,2- (117-81-7)			
MA	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0001	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
EXTRACTS, (PETROLEUM), HEAVY PARAFFINIC (64742-04-7)			
OK	0.0008	MT/YR	STATEWIDE

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
FLUORANTHENE (206-44-0)			
MA	0.0000	TNS/YR	POINT SOURCES
FLUORENE (86-73-7)			
MA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0015	MT/YR	PSAPCA
FLUORIDES (16984-48-8)			
MA	0.0000	TNS/YR	
FLUORINE (7782-41-4)			
MA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0133	MT/YR	PSAPCA
WI	0.0695	TNS/YR	WI,13 SOURCES
FLUOROTRICHLOROMETHANE (75-69-4)			
TN-CHAT.	0.0411	MT/YR	COUNTY
WA-PUGET	0.0133	MT/YR	PSAPCA
FORMALDEHYDE (50-00-0)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ.(METRO)
CA-BAAQMD	0.0050	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0025	MT/YR	SANTA BARBARA CO.
CA-SAC.	0.1370	TNS/YR	AREA SOURCES
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ-HUDSON	0.0003	MT/YR	HUDSON CO.
NV-L.VEGAS	0.0597	MT/YR	LAS VEGAS VALLEY
PA	0.0000	TNS/YR	
PA-PHIL.	0.0044	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0001	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	GRAYS HRBR,MOQUIAH
WA-PUGET	0.0610	MT/YR	PSAPCA
FURFURAL ALCOHOL (98-00-0)			
TN-CHAT.	0.0000	MT/YR	COUNTY
GAMMA-HEXACHLORO-CYCLOHEXANE (58-89-9)			
RI	0.0000	TNS/YR	
GASOLINE (8006-61-9)			
TN-CHAT.	0.0074	MT/YR	COUNTY

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
HEPTACHLOR (76-44-8)			
MA	0.0000	TNS/YR	
HEPTANE (142-82-5)			
SD	0.0000	MT/YR	
WA-PUGET	0.0008	MT/YR	PSAPCA
HEXACHLORO-1,3-BUTADIENE (87-68-3)			
RI	0.0000	TNS/YR	
HEXACHLOROCYCLOPENTADIENE (77-47-4)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
HEXACHLOROETHANE (67-72-1)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
HEXACHLOROPHENE (70-30-4)			
MA	0.0000	TNS/YR	
HEXAMETHYLPHOSPHORAMIDE (680-31-9)			
RI	0.0000	TNS/YR	
HEXANE,N- (110-54-3)			
TN-CHAT.	0.0146	MT/YR	COUNTY
WA-PUGET	0.0005	MT/YR	PSAPCA
HEXANONE,2- (591-78-6)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
WA	0.0000	TNS/YR	AREA SOURCES
HYDRAZINE (302-01-2)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
HYDRAZOBENZENE (122-66-7)			
RI	0.0000	TNS/YR	
HYDROGEN BROMIDE (10035-10-6)			
TN-CHAT.	0.0042	MT/YR	COUNTY

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
HYDROGEN CHLORIDE (7647-01-0)			
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0033	MT/YR	COUNTY
WI	0.0122	TNS/YR	WI,20 SOURCES
HYDROGEN FLUORIDE (7664-39-3)			
MA	0.0000	TNS/YR	
OK	0.0013	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0002	MT/YR	COUNTY
WI	0.0084	TNS/YR	WI,8 SOURCES
HYDROGEN SULFIDE (7783-06-4)			
MA	0.0000	TNS/YR	
OK	0.0032	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-PUGET	0.0001	MT/YR	PSAPCA
IODOMETHANE (74-88-4)			
RI	0.0000	TNS/YR	
IRON (15438-31-0)			
OK	0.0000	MT/YR	STATEWIDE
ISOAMYL ACETATE (123-92-2)			
MA	0.0000	TNS/YR	
MD	0.0000	MT/YR	
ISOBUTYL ACETATE (110-19-0)			
MA	0.0000	TNS/YR	
WA-PUGET	0.0001	MT/YR	PSAPCA
ISOBUTYL ALCOHOL (78-83-1)			
MA	0.0000	TNS/YR	
WA-PUGET	0.0002	MT/YR	PSAPCA
ISOBUTYRALDEHYDE (78-84-2)			
TN-CHAT.	0.0000	MT/YR	COUNTY
ISOPROPANOL (67-63-0)			
OK	0.0009	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0516	MT/YR	COUNTY

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
ISOPROPANOL (67-63-0)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.3012	MT/YR	PSAPCA
ISOPROPYL ACETATE (108-21-4)			
MA	0.0000	TNS/YR	
KETENE (463-51-4)			
MN	0.0000	TNS/YR	
LEAD ACETATE (1335-32-6)			
MA	0.0000	TNS/YR	
LEAD OXIDE, (PBO) (1317-36-8)			
OK	0.0000	MT/YR	STATEWIDE
LEAD POWDER (7439-92-1)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0002	TNS/YR	BAY AREA(STATIONARY)
CA-SCAQMD	0.2030	TNS/YR	MOBILE SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
OK	0.0000	MT/YR	STATEWIDE
PA-PHIL.	0.0019	TNS/YR	PHILADELPHIA,PA
TN-CHAT.	0.0000	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0226	MT/YR	PSAPCA
WI	0.0009	TNS/YR	WI,26 SOURCES
MAGNESIUM OXIDE FUME (1309-48-8)			
TN-CHAT.	0.0000	MT/YR	COUNTY
MALEIC ANHYDRIDE (108-31-6)			
CA-BAAQMD	0.0004	TNS/YR	BAY AREA(STATIONARY)
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
MANGANESE (7439-96-5)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
PA-PHIL.	0.0016	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
MANGANESE (7439-96-5)			
WA-PUGET	0.0304	MT/YR	PSAPCA
WI	0.0004	TNS/YR	WI,14 SOURCES
MERCURY (7439-97-6)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0000	TNS/YR	POINT SOURCE
MN	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
WA	0.0000	TNS/YR	POINT SOURCES
WI	0.0002	TNS/YR	WI,13 SOURCES
METHANE (74-82-8)			
WA	0.0000	TNS/YR	AREA SOURCES
METHANOL (67-56-1)			
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
OK	0.0496	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
TN-CHAT.	0.0466	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	PACIFIC,RAYMOND
WA-PUGET	0.0016	MT/YR	PSAPCA
METHOXYCHLOR (72-43-5)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
METHOXYETHANOL,2- (109-86-4)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL ACRYLATE (96-33-3)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL BROMIDE (74-83-9)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ.(METRO)
CA-BAAQMD	0.0004	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0024	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA-PHIL.	0.0002	TNS/YR	PHILADELPHIA,PA

TABLE 2B. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
METHYL BROMIDE (74-83-9)			
RI	0.0000	TNS/YR	
WA-PUGET	0.0005	MT/YR	PSAPCA
METHYL BUTANE (78-78-4)			
OK	0.0052	MT/YR	STATEWIDE
METHYL CHLORIDE (74-87-3)			
PA-PHIL.	0.0069	TNS/YR	PHILADELPHIA,PA
WA	0.0000	TNS/YR	POINT SOURCES
METHYL CHLOROMETHYL ETHER (107-30-2)			
NH	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL FORMATE (107-31-3)			
WA-PUGET	0.0005	MT/YR	PSAPCA
METHYL ISOCYANATE (624-83-9)			
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
METHYL METHACRYLATE (80-62-6)			
MA	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
METHYL N-AMYL KETONE (110-43-0)			
OK	0.0002	MT/YR	STATEWIDE
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-PUGET	0.0001	MT/YR	PSAPCA
METHYLENE CHLORIDE (75-09-2)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0186	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0019	MT/YR	SANTA BARBARA CO.
CA-SAC.	0.0370	TNS/YR	POINT SOURCES
CA-SCAQMD	1.0200	TNS/YR	AREA SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
NH	0.0000	TNS/YR	
NJ-HUDSON	0.0153	MT/YR	HUDSON CO.
OK	0.0032	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
METHYLENE CHLORIDE (75-09-2)			
TN-CHAT.	0.0293	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-OLYMPIA	0.0000	TNS/YR	CLELLAN,PORT ANGELES
WA-PUGET	0.0073	MT/YR	PSAPCA
WI	0.0064	TNS/YR	WI,41 SOURCES
METHYLPENTANONE,4-,2- (108-10-1)			
OK	0.0003	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0002	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-PUGET	0.0052	MT/YR	PSAPCA
METHYLPYRIDINE,2- (109-06-8)			
RI	0.0000	TNS/YR	
METHYLPYRROLIDONE,N-,2- (872-50-4)			
OK	0.0000	MT/YR	STATEWIDE
TN-CHAT.	0.0000	MT/YR	COUNTY
MOLYBDENUM (7439-98-7)			
WI	0.0000	TNS/YR	WI,6 SOURCES
MONOCHLOROBENZENE (108-90-7)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
NH	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
MONOMETHYLAMINE (74-89-5)			
WA-PUGET	0.0009	MT/YR	PSAPCA
N-METHYL PROPYL KETONE (107-87-9)			
WA-PUGET	0.0002	MT/YR	PSAPCA
N-NITROSODIMETHYLAMINE (62-75-9)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
NH	0.0000	TNS/YR	
N-NITROSODIPHENYLAMINE (86-30-6)			
NH	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
N-NITROSOMORPHOLINE (59-89-2)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) AGENCY	EMISSIONS	UNIT	AREA
NAPHTHA (8030-30-6)			
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
OK	0.0027	MT/YR	STATEWIDE
TN-CHAT.	0.0074	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-OLYMPIA	0.0000	TNS/YR	CLELLAM,PORT ANGELES
NAPHTHALENE (91-20-3)			
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	GRAYS HRBR,HOQUIAM
WA-PUGET	0.0067	MT/YR	PSAPCA
NAPHTHYLLACTATE,2- (93-43-6)			
WA-PUGET	0.0003	MT/YR	PSAPCA
NICKEL (7440-02-2)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
NICKEL CARBONYL (13463-39-3)			
RI	0.0000	TNS/YR	
WI	0.0000	TNS/YR	
NICKEL OXIDE (1313-99-1)			
MA	0.0000	TNS/YR	
NICKEL POWDER (7440-02-0)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0004	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0002	TNS/YR	MOBILE SOURCE
MN	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0000	MT/YR	NONE CALCULATED
WI	0.0001	TNS/YR	WI,15 SOURCES
NITRIC ACID (7697-37-2)			
OK	0.0118	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
WI	0.0055	TNS/YR	WI,13 SOURCES
NITRIC ACID SODIUM SALT (7631-99-4)			
OK	0.0000	MT/YR	STATEWIDE
NITROANISIDINE,5-,O- (99-59-2)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) AGENCY	EMISSIONS	UNIT	AREA
NITROBENZENE (98-95-3)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
NITROMETHANE (75-52-5)			
WA-PUGET	0.0003	MT/YR	PSAPCA
NITROPROPANE,2- (79-46-9)			
RI	0.0000	TNS/YR	
NITROSAMINES (CL-NAMINE)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
NITROSOPYRROLIDINE,1- (930-55-2)			
MN	0.0000	TNS/YR	
ORGANIC COMPOUNDS (CL-ORGANIC)			
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,OLYMPIA
PCB-1248 (12672-29-6)			
MA	0.0000	TNS/YR	
PENTACHLOROPHENOL (87-86-5)			
MA	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	MASON,SHELTON
PETROLEUM DISTILLATES (8002-05-9)			
WA-OLYMPIA	0.0000	TNS/YR	CLELLAM,PORT ANGELES
PHENANTHRENE (85-01-8)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0049	MT/YR	PSAPCA
PHENOL (108-95-2)			
CA-BAAQMD	0.0016	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0003	MT/YR	SANTA BARBARA CO.
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ-HUDSON	0.0002	MT/YR	HUDSON CO.

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
PHENOL (108-95-2)			
OK	0.0000	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	0.0100	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0042	MT/YR	COUNTY
WA	0.0000	TNS/YR	AREA SOURCES
WA-PUGET	0.1037	MT/YR	PSAPCA
PHENYLBENZENAMINE,N- (122-39-4)			
RI	0.0000	TNS/YR	
PHENYLHYDRAZINE (100-63-0)			
RI	0.0000	TNS/YR	
PHENYLNAPHTHYLAMINE,N-,2- (135-88-6)			
RI	0.0000	TNS/YR	
PHOSGENE (75-44-5)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
MN	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
PHOSPHORIC ACID (7664-38-2)			
OK	0.0008	MT/YR	STATEWIDE
RI	0.0000	TNS/YR	
WI	0.0012	TNS/YR	WI,6 SOURCES
PHOSPHOROUS (YELLOW) (7723-14-0)			
WI	0.0000	TNS/YR	WI, 1 SOURCE
PHTHALIC ANHYDRIDE (85-44-9)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
PLATINUM (7440-06-4)			
WI	0.0000	TNS/YR	WI,6 SOURCES
POLYCHLORINATED BIPHENYL (AROCLOR 1242) (53469-21-9)			
MA	0.0000	TNS/YR	
POLYCHLORINATED BIPHENYLS (1336-36-3)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
POLYCYCLIC AROMATIC COMPOUNDS (CL-PAH)			
MA	0.0000	TNS/YR	AREA SOURCES
POLYCYCLIC ORGANIC MATTER (CL-POM)			
MA	0.0000	TNS/YR	POINT SOURCES
POTASSIUM CYANIDE (151-50-8)			
WI	0.0000	TNS/YR	WI,11 SOURCES
PROPANE SULTONE (1120-71-4)			
RI	0.0000	TNS/YR	
PROPANE, 2-METHYL- (75-28-5)			
OK	0.0027	MT/YR	STATEWIDE
PROPANEDIOL,1,2- (57-55-6)			
WA-PUGET	0.0220	MT/YR	PSAPCA
PROPYL ALCOHOL (71-23-8)			
OK	0.0000	MT/YR	STATEWIDE
PROPYLACETATE,N- (109-60-4)			
OK	0.0000	MT/YR	STATEWIDE
TN-CHAT.	0.0000	MT/YR	COUNTY
WA-PUGET	0.0045	MT/YR	PSAPCA
PROPYLENE OXIDE (75-56-9)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
PROPYLENEIMINE (75-55-8)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
PYRENE (129-00-0)			
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.0021	MT/YR	PSAPCA
RADIATION (CL-RAD)			
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
MN	0.0000	TNS/YR	
WA	0.0000	TNS/YR	POINT SOURCES
RESINS (CL-RESIN)			
SD	0.0000	MT/YR	

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

AGENCY	EMISSIONS	UNIT	AREA
POLLUTANT NAME (CAS #)			
RESORCINOL (108-46-3)			
NA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SELENIUM COMPOUNDS, AS SE (7782-49-2)			
NA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
WI	0.0005	TNS/YR	WI,8 SOURCES
SELENIUM SULFIDE (7446-34-6)			
NA	0.0000	TNS/YR	
SILICA (7631-86-9)			
OK	0.0000	MT/YR	STATEWIDE
SODIUM DICHROMATE (10588-01-9)			
OK	0.0000	MT/YR	STATEWIDE
SODIUM HYDROXIDE (1310-73-2)			
OK	0.0000	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
SOLVENTS (CL-SOLVENT)			
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,OLYMPIA
STODDARD SOLVENT (8052-41-3)			
WA-PUGET	0.0597	MT/YR	PSAPCA
STRONTIUM CHROMATE (7789-06-2)			
OK	0.0000	MT/YR	STATEWIDE
STYRENE (100-42-5)			
NA	0.0000	TNS/YR	
OK	0.0031	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
TN-CHAT.	0.0279	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	THURSTON,YELM
WA-PUGET	0.0340	MT/YR	PSAPCA
STYRENE OXIDE (96-09-3)			
RI	0.0000	TNS/YR	

AGENCY	EMISSIONS	UNIT	AREA
POLLUTANT NAME (CAS #)			
SULFURIC ACID (7664-93-9)			
OK	0.0008	MT/YR	STATEWIDE
TN-CHAT.	0.0007	MT/YR	COUNTY
WI	0.0015	TNS/YR	WI,15 SOURCES
SULFURIC ACID, ZINC SALT (1:1) (7733-02-0)			
OK	0.0010	MT/YR	STATEWIDE
TETRACHLORODIBENZODIOXIN,2,3,7,8-,P- (1746-01-6)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
PA	0.0000	TNS/YR	
TETRACHLORODIFLUOROETHANE,1,1,2,2-,1,2- (76-12-0)			
NA	0.0000	TNS/YR	
TETRACHLOROETHANE (25322-20-7)			
NA	0.0000	TNS/YR	
TETRACHLOROETHANE,1,1,2,2- (79-34-5)			
NA	0.0000	TNS/YR	
NJ	0.0001	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
TETRACHLOROETHYLENE (127-18-4)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.1009	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0074	MT/YR	SANTA BARBARA CO.
CA-SAC.	0.0290	TNS/YR	AREA SOURCES
CA-SCAQMD	0.8850	TNS/YR	AREA SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
KS-TS	0.0013	MT/YR	COUNTY, SN
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
NJ	0.0115	MT/YR	STATEWIDE
NJ-HUDSON	0.0024	MT/YR	HUDSON CO
NV-L.VEGAS	0.0036	MT/YR	LAS VEGAS VALLEY
OK	0.0010	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	0.0187	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
TETRACHLOROETHYLENE (127-18-4)			
WA-OLYMPIA	0.0000	TNS/YR	CLELLAN,PORT ANGELES
WA-PUGET	0.1417	MT/YR	PSAPCA
TETRAHYDROFURAN (109-99-9)			
MA	0.0000	TNS/YR	
THALLIUM, SOLUBLE COMPOUNDS, AS TL (7440-28-0)			
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
WI	0.0000	TNS/YR	WI,7 SOURCES
TIN, AS SN (7440-31-5)			
WI	0.0006	TNS/YR	WI,17 SOURCES
TOLUENE (108-88-3)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0228	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0041	MT/YR	SANTA BARBARA CO
CA-SAC.	0.3000	TNS/YR	AREA SOURCES
CA-SCAQMD	1.4200	TNS/YR	MOBILE SOURCE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
NJ-HUDSON	0.0027	MT/YR	HUDSON CO.
OK	0.0083	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.1637	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.3261	MT/YR	PSAPCA
TOLUENE DIISOCYANATE (26471-62-5)			
SD	0.0000	MT/YR	
TN-CHAT.	0.0000	MT/YR	COUNTY
TOLUENE,2,6-DIISOCYANATE (584-84-9)			
RI	0.0000	TNS/YR	
TOLUIDINE,O- (95-53-4)			
RI	0.0000	TNS/YR	
TOLUIDINEHYDROCHLORIDE,O- (636-21-5)			
RI	0.0000	TNS/YR	
TOTAL CARBON (CL-CARBON)			
NV-L.VEGAS	0.0430	MT/YR	LAS VEGAS VALLEY

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
TRICHLOROACETIC ACID (76-03-9)			
RI	0.0000	TNS/YR	
TRICHLOROETHANE,1,1,1- (71-55-6)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0569	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0132	MT/YR	SANTA BARBARA CO.
CA-SAC.	0.0480	TNS/YR	POINT SOURCES
CA-SCAQMD	0.6150	TNS/YR	AREA SOURCE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
NJ-HUDSON	0.0007	MT/YR	HUDSON CO.
OK	0.0064	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0010	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-OLYMPIA	0.0000	TNS/YR	CLELLAN,PORT ANGELES
WA-PUGET	0.2752	MT/YR	PSAPCA
WI	0.0128	TNS/YR	WI,115 SOURCES
TRICHLOROETHANE,1,1,2- (79-00-5)			
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
NJ	0.0008	MT/YR	STATEWIDE
PA-PHIL.	0.0001	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
TRICHLOROETHYLENE (79-01-6)			
AZ-PIMACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0031	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0020	MT/YR	SANTA BARBARA CO.
CA-SAC.	0.0036	TNS/YR	POINT SOURCES
CA-SCAQMD	0.0546	TNS/YR	AREA SOURCE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MA	0.0000	TNS/YR	
NJ	0.0730	MT/YR	STATEWIDE
NJ-HUDSON	0.0088	MT/YR	HUDSON CO.
OK	0.0077	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
PA-PHIL.	0.0000	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0007	MT/YR	COUNTY
WA-PUGET	0.0367	MT/YR	PSAPCA

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
TRICHLOROPHENOL,2,4,6- (88-06-2)			
RI	0.0000	TNS/YR	
TRICHLOROTRIFLUOROMETHANE,1,1,2- (76-13-1)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
WA-PUGET	0.0254	MT/YR	PSAPCA
TRIETHYLAMINE (121-44-8)			
MA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
URANIUM (7440-61-1)			
WI	0.0000	TNS/YR	WI,7 SOURCES
UREA (57-13-6)			
TN-CHAT.	0.0001	MT/YR	COUNTY
VANADIUM (7440-62-2)			
MA	0.0000	TNS/YR	
VANADIUM PENTOXIDE (1314-62-1)			
RI	0.0000	TNS/YR	
WI	0.0002	TNS/YR	WI,7 SOURCES
VINYL ACETATE (108-05-4)			
RI	0.0000	TNS/YR	
VINYL BROMIDE (593-60-2)			
RI	0.0000	TNS/YR	
VINYL CHLORIDE (75-01-4)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0000	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0000	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.0001	TNS/YR	POINT SOURCE
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
PA	0.0000	TNS/YR	
PA-PHIL.	0.0108	TNS/YR	PHILADELPHIA,PA
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
VINYLCYCLOHEXENEDIOXIDE,1-,3- (106-87-6)			
RI	0.0000	TNS/YR	

POLLUTANT NAME (CAS #) / AGENCY	EMISSIONS	UNIT	AREA
VOLATILE ORGANIC COMPOUNDS (CL-VOC)			
KS-TS	0.0036	MT/YR	COUNTY, SN
WA	0.0000	TNS/YR	POINT SOURCES
XYLENE (1330-20-7)			
AZ-PINACO	0.0000	TNS/YR	TUCSON,AZ (METRO)
CA-BAAQMD	0.0226	TNS/YR	BAY AREA(STATIONARY)
CA-S.BARB.	0.0972	MT/YR	SANTA BARBARA CO.
CA-SCAQMD	0.8950	TNS/YR	MOBILE SOURCE
ID	0.0000	TNS/YR	STATEWIDE
IN-VIGO	0.0000	MT/YR	VIGO COUNTY, IN
MN	0.0000	TNS/YR	
NJ-HUDSON	0.0009	MT/YR	HUDSON CO.
OK	0.0085	MT/YR	STATEWIDE
PA	0.0000	TNS/YR	
RI	0.0000	TNS/YR	
SD	0.0000	MT/YR	
TN-CHAT.	0.0008	MT/YR	COUNTY
WA	0.0000	TNS/YR	POINT SOURCES
WA-PUGET	0.3146	MT/YR	PSAPCA
XYLENE,M- (108-38-3)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
XYLENE,O- (95-47-6)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
XYLENE,P- (106-42-3)			
MA	0.0000	TNS/YR	
MN	0.0000	TNS/YR	
ZINC (7440-66-6)			
MN	0.0000	TNS/YR	
OK	0.0000	MT/YR	STATEWIDE
WA-PUGET	0.0001	MT/YR	PSAPCA
WI	0.0005	TNS/YR	WI,5 SOURCES
ZINC CHLORIDE, FUME (7646-85-7)			
OK	0.0000	MT/YR	STATEWIDE
SD	0.0000	MT/YR	
ZINC OXIDE, FUME (1314-13-2)			
OK	0.0004	MT/YR	STATEWIDE

TABLE 28. AIR TOXICS EMISSIONS INVENTORY DATA

POLLUTANT NAME (CAS #) AGENCY	EMISSIONS	UNIT	AREA
ZINEB (12122-67-7)			
PA-PHIL.	0.0004	TNS/YR	PHILADELPHIA,PA

SECTION 13

SELECTED EPA RISK ANALYSIS INFORMATION

The selected EPA risk analysis results, found in Tables 29 and 30, reflect recent work conducted by EPA in the assessment of sources of potentially toxic air pollutants. The EPA performs dispersion modeling of emissions from sources of air toxics in support of decisions on the need to regulate these sources under the Clean Air Act. A tiered approach is used wherein EPA first calculates a preliminary estimation of individual and population exposure and cancer risks resulting from ambient air exposure to the pollutants under evaluation. Following the publication of a regulatory decision (e.g., Intent to List Notice), a more thorough examination of specific sources is conducted to decide whether to actually list the pollutant and subsequently propose Federal regulations [e.g., national emission standards for hazardous air pollutants (NESHAPs)]. This includes verification of emissions, plant site, plant parameters and habitability of the area surrounding high risk facilities. Verification procedures have been completed for these sources identified by a blank in Tables 29 and 30 under the Q/A column.

The quantitative cancer risk estimates are produced by combining the unit cancer risk factor with estimates of population exposure (i.e., the summation of population at risk times pollutant concentration across all concentrations). The risk results are presented as the predicted lifetime cancer incidence expressed as cancer cases per year (annual incidence), and as the cancer risk resulting from exposure to the highest predicted annual concentration to which any individual is continuously exposed for a 70 year lifetime (maximum individual risk) expressed as the increased probability of getting cancer in one's lifetime.

Emissions information is also provided in Tables 29 and 30 on chemicals that do not have unit cancer risk factors. For these chemicals maximum individual risk and aggregate cancer incidence are not estimated. In addition, for source categories that have been evaluated as area sources, information on facility name, location and individual exposure and risk are not available.

Note also that a zero in the emissions column may indicate either that the emissions were less than 1 kg/yr, or that the information on the total emissions from certain facilities was unavailable.

There are many sources of uncertainty inherent in risk estimation that impact the confidence that can be placed upon the estimates. These include uncertainties resulting from the derivation of the unit cancer risk factor and in the assumptions incorporated into the exposure analysis procedures. Note

Preceding page blank

that the risk estimates are subject to change as new information is obtained and that additional source-specific information may be found in the public dockets for the individual pollutants. The most current data are available on-line through NATICH Interactive Report 21. In general, risk estimates provide a relative, not absolute, index to the extent of potential risk between facilities and/or source types. The estimates should be regarded as, at best, a rough estimate of the actual carcinogenic risk to exposed populations and should not be used alone as a basis for regulatory decision making.

For further information on the EPA risk estimation procedures, or on interpretation of the risk results, contact the Clearinghouse staff at (919) 541-0850.

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
ARSENIC	7440-38-2	ASARCO INC.	EL PASO	TX	PRIMARY COPPER SMELTERS	29720	0.23	0.001	0.38	0.0043	314684	1063123	*	05/01/86	3331
	7440-38-2	ASARCO INC.	HAYDEN	AZ	PRIMARY COPPER SMELTERS	30145	0.31	0.0013	0.058	0.0043	330030	1104633	*	05/01/86	3331
	7440-38-2	COPPER RANGE CO.	WHITE PINE	MI	PRIMARY COPPER SMELTERS	2918	0.025	0.00011	0.0004	0.0043	464606	0893318	*	05/01/86	3331
	7440-38-2	INSPIR. CONS. COPPER	MIAMI	AZ	PRIMARY COPPER SMELTERS	3830	0.045	0.00019	0.0069	0.0043	332443	1105100	*	05/01/86	3331
	7440-38-2	KENNECOTT CORP.	HAYDEN	AZ	PRIMARY COPPER SMELTERS	34975	0.059	0.0003	0.016	0.0043	330041	1104646	*	05/01/86	3331
	7440-38-2	KENNECOTT CORP.	HURLEY	NM	PRIMARY COPPER SMELTERS	775	0.029	0.00012	0.0008	0.0043	324156	1080719	*	05/01/86	3331
	7440-38-2	KENNECOTT CORP.	MCGILL	NV	PRIMARY COPPER SMELTERS	113580	0.103	0.0004	0.0058	0.0043	392433	1144612	*	05/01/86	3331
	7440-38-2	KENNECOTT CORP.	GARFIELD	UT	PRIMARY COPPER SMELTERS	32025	0.0144	0.00006	0.14	0.0043	404315	1121153	*	05/01/86	3331
	7440-38-2	MAGMA COPPER	SAN MANUEL	AZ	PRIMARY COPPER SMELTERS	11645	0.038	0.00016	0.0026	0.0043	323657	1103722	*	05/01/86	3331
	7440-38-2	PHELPS-DODGE CORP.	MORENCI	AZ	PRIMARY COPPER SMELTERS	3465	0.0187	0.00008	0.0028	0.0043	330332	1092018	*	05/01/86	3331
	7440-38-2	PHELPS-DODGE CORP.	DOUGLAS	AZ	PRIMARY COPPER SMELTERS	43371	0.28	0.0012	0.022	0.0043	312038	1093511	*	05/01/86	3331
	7440-38-2	PHELPS-DODGE CORP.	AJO	AZ	PRIMARY COPPER SMELTERS	13980	0.050	0.0002	0.0045	0.0043	322200	1125118	*	05/01/86	3331
	7440-38-2	PHELPS-DODGE CORP.	HIDALGO	NM	PRIMARY COPPER SMELTERS	675	0.00122	0.000005	0.0001	0.0043	314511	1083118	*	05/01/86	3331
	7440-38-2	TENNESSEE CHEM. CO.	COPPERHILL	TN	PRIMARY COPPER SMELTERS	780	0.0132	0.00006	0.0033	0.0043	345946	842243	*	05/01/86	3331
BUTADIENE,1,3-	106-99-0	AMERICAN SYN. RUBBER	LOUISVILLE	KY	POLYBUTADIENE PROD.	22100	3.50E+01	9.80E-03	0.10	0.00028	381233	855051		05/06/86	28
	106-99-0	AMERICAN SYNTHETIC	LOUISVILLE	KY	SBR FACILITIES	38130	5.71E+01	1.60E-02	0.18	0.00028	381233	855051		05/13/86	28
	106-99-0	AMOCO	CHOCOLATE BAYOU	TX	PRODUCTION	149000	3.32E-01	9.30E-05	0.058	0.00028	291340	951140		02/27/86	28
	106-99-0	ARCO	CHANNELVIEW	TX	PRODUCTION	67000	9.29E+01	2.60E-02	0.24	0.00028	294912	950725		02/27/86	28
	106-99-0	ARCO CHEMICALS	CHANNELVIEW	TX	POLYBUTADIENE PROD.	20100	3.93E+01	1.10E-02	0.11	0.00028	294630	950730		05/06/86	28
	106-99-0	B.F. GOODRICH	PORT NECHES	TX	SBR FACILITIES	109400	1.29E+02	3.60E-02	0.179	0.00028	295915	935636		05/13/86	28
	106-99-0	BORG-WARNER	WASHINGTON	WV	SBR FACILITIES	399500	2.36E+02	6.60E-02	0.57	0.00028	391520	814036		05/13/86	28
	106-99-0	BORG-WARNER	OTTAWA	IL	POLYBUTADIENE PROD.	58600	8.21E+01	2.30E-02	0.0222	0.00028	412008	0884511		05/06/86	28
	106-99-0	COLORADO CHEM. SPEC.	GOLDEN	CO	POLYBUTADIENE PROD.	28700	5.00E+01	1.40E-02	0.100	0.00028	394630	1051026		05/06/86	28
	106-99-0	COPOLYMER	BATON ROUGE	LA	SBR FACILITIES	49920	7.14E+01	2.00E-02	0.32	0.00028	303000	911015		05/13/86	28
	106-99-0	CORPUS CHRISTI	CORPUS CHRISTI	TX	PRODUCTION	7000	1.18E+01	3.30E-03	0.0048	0.00028	274810	973529		02/27/86	28
	106-99-0	DENKA CHEMICALS	HOUSTON	TX	NEOPRENE/CHLOROPRENE PROD.	8000	1.18E+01	3.30E-03	0.12	0.00028	294200	951525		05/20/86	28
	106-99-0	DOW	DALTON	GA	SBR FACILITIES	297700	1.86E+02	5.20E-02	0.300	0.00028	343710	845832		05/13/86	28
	106-99-0	DOW	FREEPORT	TX	SBR FACILITIES	22909	1.11E+00	3.10E-04	0.0122	0.00028	283826	952054		05/13/86	28
	106-99-0	DOW	GALES FERRY	CT	SBR FACILITIES	16900	1.64E+01	4.60E-03	0.059	0.00028	412629	720458		05/13/86	28
	106-99-0	DOW	MIDLAND	MI	SBR FACILITIES	48520	2.00E+01	5.60E-03	0.086	0.00028	433611	841323		05/13/86	28
	106-99-0	DOW	PITTSBURG	CA	SBR FACILITIES	12600	2.50E+00	7.00E-04	0.036	0.00028	380103	1215110		05/13/86	28
	106-99-0	DOW	FREEPORT	TX	PRODUCTION	154000	7.86E+00	2.20E-03	0.0803	0.00028	283610	952230		02/27/86	28
	106-99-0	DUPONT	CHOCOLATE BAYOU	TX	PRODUCTION	149000	4.29E-01	1.20E-04	0.074	0.00028	291500	951200		02/27/86	28
	106-99-0	DUPONT	LA PLACE	LA	NEOPRENE/CHLOROPRENE PROD.	25600	3.57E+01	1.00E-02	0.058	0.00028	300322	903115		05/20/86	28
	106-99-0	EL PASO	CORPUS CHRISTI	TX	PRODUCTION	163000	2.46E+02	6.90E-02	0.096	0.00028	274824	973547		02/27/86	28
	106-99-0	EXXON	BATON ROUGE	LA	PRODUCTION	131000	1.86E+02	5.20E-02	0.3807	0.00028	303000	911200		02/27/86	28
	106-99-0	EXXON	BAYTOWN	TX	PRODUCTION	45000	5.71E+00	1.60E-03	0.2223	0.00028	294522	950080		02/27/86	28
	106-99-0	FIRESTONE	ORANGE	TX	POLYBUTADIENE PROD.	175800	2.11E+01	5.90E-03	0.17	0.00028	300258	934711		05/06/86	28
	106-99-0	FIRESTONE	LAKE CHARLES	LA	SBR FACILITIES	18900	2.18E+01	6.10E-03	0.02	0.00028	301114	921952		05/13/86	28
	106-99-0	GEN CORP.	ODESSA	TX	SBR FACILITIES	49020	6.07E+01	1.70E-02	0.1618	0.00028	314930	1022015		05/13/86	28
	106-99-0	GEN CORP.	MOGADORE	OH	SBR FACILITIES	51770	3.93E+01	1.10E-02	0.1416	0.00028	410243	812329		05/13/86	28
	106-99-0	GOODYEAR	HOUSTON	TX	SBR FACILITIES	152400	1.86E+02	5.20E-02	2.185	0.00028	294124	951524		05/13/86	28
	106-99-0	GOODYEAR	AKRON	OH	SBR FACILITIES	52500	3.57E+01	1.00E-02	0.271	0.00028	410243	812824		05/13/86	28
	106-99-0	GOODYEAR	CALHOUN	GA	SBR FACILITIES	43918	8.57E+01	2.40E-02	0.057	0.00028	342738	845607		05/13/86	28
	106-99-0	GOODYEAR	BEAUMONT	TX	POLYBUTADIENE PROD.	52900	7.86E+01	2.20E-02	0.053	0.00028	295818	941251		05/06/86	28
	106-99-0	MOBIL	BEAUMONT	TX	PRODUCTION	149000	2.29E+01	6.40E-03	0.35	0.00028	300422	940429		02/27/86	28
	106-99-0	PHILLIPS	BORGER	TX	POLYBUTADIENE PROD.	27400	2.11E+01	5.90E-03	0.0087	0.00028	353924	1012336		05/06/86	28
	106-99-0	PHILLIPS (SULFOLANE)	BORGER	TX	POLYBUTADIENE PROD.	129300	1.11E+01	3.10E-03	0.0187	0.00028	353924	1012336		05/06/86	28
	106-99-0	POLYSAR	CHATTANOOGA #1	TN	SBR FACILITIES	133330	1.82E+02	5.10E-02	0.60	0.00028	350533	851532		05/13/86	28
	106-99-0	POLYSAR	CHATTANOOGA #2	TN	SBR FACILITIES	79400	1.04E+02	2.90E-02	0.35	0.00028	350244	851131		05/13/86	28
	106-99-0	POLYSAR	MONACA	PA	SBR FACILITIES	166800	8.57E+01	2.40E-02	0.59	0.00028	403939	802048		05/13/86	28
	106-99-0	POLYSAR	ORANGE	TX	POLYBUTADIENE PROD.	26200	3.93E+01	1.10E-02	0.026	0.00028	300240	934612		05/06/86	28
	106-99-0	REICHHOLD	CHESWOLD	DE	SBR FACILITIES	52100	7.50E+01	2.10E-02	0.085	0.00028	391214	753611		05/13/86	28
	106-99-0	REICHHOLD	KENSINGTON	GA	SBR FACILITIES	285300	2.71E+02	7.60E-02	0.488	0.00028	344618	852156		05/13/86	28
	106-99-0	SHELL	DEER PARK	TX	PRODUCTION	77000	1.57E+02	4.40E-02	0.56	0.00028	294337	950743		02/27/86	28

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
BUTADIENE,1,3-	106-99-0	SHELL	NORCO	LA	PRODUCTION	90000	5.71E-01	1.60E-04	0.18	0.00028	295844	902701		02/27/86	28
	106-99-0	TEXACO	PORT NECHES	TX	PRODUCTION	461000	6.79E+02	1.90E-01	0.79	0.00028	295917	935611		02/27/86	28
	106-99-0	TEXAS PETROCHEMICALS	HOUSTON	TX	PRODUCTION	114000	1.64E+02	4.60E-02	1.6	0.00028	294148	951518		02/27/86	28
	106-99-0	UNIROYAL	PORT NECHES	TX	SBR FACILITIES	101300	1.39E+02	3.90E-02	0.17	0.00028	295920	935638		05/13/86	28
	106-99-0	UNOCAL	CHARLOTTE	NC	SBR FACILITIES	160200	1.04E+00	2.90E-04	0.40	0.00028	352100	804257		05/13/86	28
	106-99-0	UNOCAL	LA MIRADA	CA	SBR FACILITIES	48500	7.80E+01	2.10E-02	2.5	0.00028	335349	1180004		05/13/86	28
	106-99-0	W. R. GRACE	OWENSBORO	KY	SBR FACILITIES	114110	6.79E+00	1.90E-03	0.1412	0.00028	374837	870259		05/13/86	28
CADMIUM	7440-43-9	ALCO PACIFIC	GARDENA	CA	SECONDARY LEAD SMELTER	0	4.76E-04	1.10E-06	0.0003	0.0023	333020	1181809	*	06/07/87	33
	7440-43-9	BERGSOE	ST. HELENS	OR	SECONDARY LEAD SMELTER	0	3.44E-03	7.92E-06	0.0004	0.0023	455058	1224903	*	06/07/87	33
	7440-43-9	CHLORIDE METALS	COLUMBUS	GA	SECONDARY LEAD SMELTER	0	3.61E-04	8.31E-07	0.0001	0.0023	322600	845600	*	06/07/87	33
	7440-43-9	CHLORIDE METALS	TAMPA	FL	SECONDARY LEAD SMELTER	0	3.50E-04	8.05E-07	0.0001	0.0023	275405	822412	*	06/07/87	33
	7440-43-9	DIXIE METALS	DALLAS	TX	SECONDARY LEAD SMELTER	0	6.06E-04	1.39E-06	0.0003	0.0023	324449	964637	*	06/07/87	33
	7440-43-9	EAST PENN	LYONS STATION	PA	SECONDARY LEAD SMELTER	0	6.74E-04	1.55E-06	0.0001	0.0023	402819	754601	*	06/07/87	33
	7440-43-9	FEDERATED METALS	SAN FRANCISCO	CA	SECONDARY LEAD SMELTER	0	4.19E-04	9.65E-07	0.0001	0.0023	374400	1222300	*	06/07/87	33
	7440-43-9	GENERAL BATTERY	READING	PA	SECONDARY LEAD SMELTER	0	6.63E-03	1.53E-05	0.0011	0.0023	403300	755823	*	06/07/87	33
	7440-43-9	GENERAL SMELTING	COLLEGE GROV.	TN	SECONDARY LEAD SMELTER	0	8.23E-06	1.89E-08	<0.0001	0.0023	354800	864005	*	06/07/87	33
	7440-43-9	GOPHER	EUGENE	MI	SECONDARY LEAD SMELTER	0	3.55E-04	8.17E-07	<0.0001	0.0023	405000	930730	*	06/07/87	33
	7440-43-9	GOULD	FRISCO	TX	SECONDARY LEAD SMELTER	0	1.02E-03	2.35E-06	0.0001	0.0023	330838	964944	*	06/07/87	33
	7440-43-9	GOULD	VERNON	CA	SECONDARY LEAD SMELTER	0	5.32E-03	1.22E-05	0.0099	0.0023	340014	1181345	*	06/07/87	33
	7440-43-9	GULF COAST	TAMPA	FL	SECONDARY LEAD SMELTER	0	5.57E-04	1.28E-06	0.0002	0.0023	275744	822253	*	06/07/87	33
	7440-43-9	HYMAN VIENER	RICHMOND	VA	SECONDARY LEAD SMELTER	0	1.36E-04	3.17E-07	0.0001	0.0023	373110	772456	*	06/07/87	33
	7440-43-9	INTERSTATE LEAD	LEEDS	AL	SECONDARY LEAD SMELTER	0	1.43E-03	3.29E-06	0.0001	0.0023	333158	863200	*	06/07/87	33
	7440-43-9	LANCASTER	LANCASTER	PA	SECONDARY LEAD SMELTER	0	1.26E-05	2.89E-08	<0.0001	0.0023	400311	761952	*	06/07/87	33
	7440-43-9	MINSTER METALS	CLEVELAND	OH	SECONDARY LEAD SMELTER	0	8.82E-04	2.02E-06	0.0005	0.0023	412852	814048	*	06/07/87	33
	7440-43-9	MURPH METALS	DALLAS	TX	SECONDARY LEAD SMELTER	0	1.65E-03	3.79E-06	0.0008	0.0023	324640	965221	*	06/07/87	33
	7440-43-9	NATIONAL SMELTING	ATLANTA	GA	SECONDARY LEAD SMELTER	0	4.42E-04	1.02E-06	0.0002	0.0023	334731	842418	*	06/07/87	33
	7440-43-9	NATIONAL SMELTING	FREDERICKTOWN	GA	SECONDARY LEAD SMELTER	0	1.24E-03	2.85E-06	0.0008	0.0023	394530	752830	*	06/07/87	33
	7440-43-9	QUEMETCO	CITY OF INDUST.	CA	SECONDARY LEAD SMELTER	0	2.03E-03	4.66E-06	0.0023	0.0023	340130	1175858	*	06/07/87	33
	7440-43-9	QUEMETCO	INDIANAPOLIS	IN	SECONDARY LEAD SMELTER	0	9.70E-04	2.23E-06	0.0004	0.0023	394514	861759	*	06/07/87	33
	7440-43-9	QUEMETCO	SEATTLE	WA	SECONDARY LEAD SMELTER	0	1.36E-03	3.18E-06	0.0004	0.0023	473444	1222104	*	06/07/87	33
	7440-43-9	REFINED METALS	BEECH GROVE	IN	SECONDARY LEAD SMELTER	0	4.57E-04	1.05E-06	0.0002	0.0023	394236	860354	*	06/07/87	33
	7440-43-9	REFINED METALS	MEMPHIS	TN	SECONDARY LEAD SMELTER	0	1.77E-03	4.06E-06	0.0004	0.0023	350513	900410	*	06/07/87	33
	7440-43-9	REVERE	WALL.	NY	SECONDARY LEAD SMELTER	0	1.54E-03	3.55E-06	0.0002	0.0023	412737	742135	*	06/07/87	33
	7440-43-9	ROSS METALS	ROSSVILLE	TN	SECONDARY LEAD SMELTER	0	8.02E-04	1.84E-06	<0.0001	0.0023	350242	893430	*	06/07/87	33
	7440-43-9	SANDERS LEAD	TROY	AL	SECONDARY LEAD SMELTER	0	1.04E-03	2.39E-06	0.0001	0.0023	314728	858816	*	06/07/87	33
	7440-43-9	SCHUYLKILL	BATON ROUGE	LA	SECONDARY LEAD SMELTER	0	8.43E-05	1.94E-07	<0.0001	0.0023	305806	911440	*	06/07/87	33
	7440-43-9	SCHUYLKILL	FOREST CITY	MO	SECONDARY LEAD SMELTER	0	5.73E-05	1.32E-07	<0.0001	0.0023	400159	951359	*	06/07/87	33
	7440-43-9	STANDARD	SAN ANTONIO	TX	SECONDARY LEAD SMELTER	0	1.04E-03	2.38E-06	0.0001	0.0023	292000	982938	*	06/07/87	33
	7440-43-9	TARACORP	ATLANTA	GA	SECONDARY LEAD SMELTER	0	8.85E-04	2.04E-06	0.0006	0.0023	334700	842200	*	06/07/87	33
	7440-43-9	TARACORP	GRANITE CITY	IL	SECONDARY LEAD SMELTER	0	1.65E-03	3.81E-06	0.0011	0.0023	384205	900837	*	06/07/87	33
	7440-43-9	TONOLLI	NESQUEHONING	PA	SECONDARY LEAD SMELTER	0	3.53E-03	8.12E-06	0.0005	0.0023	405103	755246	*	06/07/87	33
	7440-43-9	USS LEAD	E. CHICAGO	IN	SECONDARY LEAD SMELTER	0	5.40E-04	1.24E-06	0.0003	0.0023	413656	872747	*	06/07/87	33
CARBON TETRACHLORIDE	56-23-3	ABBOTT LABS (CHC)	NORTH CHICAGO	IL	PHARMACEUTICAL	218	2.97E-01	4.45E-06	0.0001	0.000015	421959	875011		07/16/86	283
	56-23-3	ALLIED CHEMICAL	EL SEGUNDO	CA	CFC PRODUCTION	5400	9.81E+00	1.47E-04	0.0089	0.000015	335400	1182400		04/25/86	28
	56-23-3	ALLIED CHEMICAL	DANVILLE	IL	CFC PRODUCTION	7500	8.96E+00	1.35E-04	0.0004	0.000015	400710	0873345		04/25/86	28
	56-23-3	B. F. Goodrich	Calvert City	KY	EDC PRODUCTION	10700	3.94E+00	5.92E-05	0.0002	0.000015	370249	881919	*	04/21/86	28
	56-23-3	B. F. Goodrich	LaPorte	TX	EDC PRODUCTION	4900	1.01E-01	1.51E-06	0.0010	0.000015	294559	950459	*	04/21/86	28
	56-23-3	Borden	Geismar	LA	EDC PRODUCTION	10	1.86E-04	2.79E-09	<0.0001	0.000015	301219	910107	*	04/21/86	28
	56-23-3	DOW CHEMICAL	FREEPORT	TX	PESTICIDES	38049	3.22E+00	4.83E-05	0.0007	0.000015	285659	951859	*	08/05/86	28
	56-23-3	DOW Chemical	Freeport	TX	EDC PRODUCTION	1400	7.69E-01	1.15E-05	<0.0001	0.000015	285739	951923	*	04/21/86	28
	56-23-3	DOW Chemical	Oyster Creek	TX	EDC PRODUCTION	4030	8.43E-01	1.26E-05	0.0001	0.000015	285759	952059	*	04/21/86	28
	56-23-3	DOW I	Plaquemine	LA	EDC PRODUCTION	3100	6.27E-01	9.41E-06	0.0002	0.000015	301945	911420	*	04/21/86	28
	56-23-3	DOW II	Plaquemine	LA	EDC PRODUCTION	3100	6.79E-01	1.02E-05	0.0002	0.000015	301945	911420	*	04/21/86	28
	56-23-3	Diamond Shamrock	Convent	LA	EDC PRODUCTION	1000	3.11E-01	4.67E-06	0.0001	0.000015	300343	904954	*	04/21/86	28
	56-23-3	Diamond Shamrock	Deer Park	TX	EDC PRODUCTION	1600	9.46E-01	1.42E-05	0.0006	0.000015	294259	950659	*	04/21/86	28

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CARBON TETRACHLORIDE	56-23-5	Diamond Shamrock	Belle	WV	CHLOR ALK PRODUCTION	28100	4.30E+01	6.45E-04	0.0039	0.000015	381359	813248		11/20/86	28
	56-23-5	Diamond Shamrock	Deer Park	TX	CHLOR ALK USE	8458	6.85E-01	7.27E-06	0.0030	0.000015	294356	950642	*	05/08/86	28
	56-23-5	Dow Chemical	Freeport	TX	CHLOR ALK PRODUCTION	5770	4.95E-01	7.42E-06	0.0001	0.000015	285659	951859		11/20/86	28
	56-23-5	Dow Chemical	Pittsburg	CA	CHLOR ALK PRODUCTION	75400	1.36E+02	2.03E-03	0.011	0.000015	380129	1215114		11/20/86	28
	56-23-5	Dow Chemical	Freeport	TX	CHLOR ALK USE	52800	1.37E+00	2.06E-05	0.0010	0.000015	285704	951859	*	05/08/86	28
	56-23-5	Dow Chemical	Pittsburg	CA	CHLOR ALK USE	9674	2.01E+01	3.01E-04	0.0015	0.000015	380129	1215114		05/08/86	28
	56-23-5	Dow Chemical	Midland	MI	CHLOR ALK USE	57266	5.65E+01	8.48E-04	0.0041	0.000015	433359	841305		05/08/86	28
	56-23-5	Dow Chemical	Allyn's Pt.	CT	CHLOR ALK USE	2828	4.59E+00	6.88E-05	0.0003	0.000015	412637	720529	*	05/08/86	28
	56-23-5	Dow Chemical	Dalton	GA	CHLOR ALK USE	2783	5.42E+00	8.13E-05	0.0002	0.000015	343759	845559	*	05/08/86	28
	56-23-5	Dow Chemical	Freeport	TX	CHLOR ALK USE	2783	1.30E-01	1.96E-06	0.0001	0.000015	285916	952220	*	05/08/86	28
	56-23-5	Dow Chemical	Midland	MI	CHLOR ALK USE	2783	2.46E+00	3.72E-05	0.0003	0.000015	433608	841350		05/08/86	28
	56-23-5	Dow Chemical	Pittsburg	CA	CHLOR ALK USE	2783	4.84E+00	7.26E-05	0.0004	0.000015	380129	1215114		05/08/86	28
	56-23-5	Dow Chemical 0	Freeport	TX	CHLOR ALK PRODUCTION	11200	5.44E+00	8.16E-05	0.0002	0.000015	285642	951858	*	11/20/86	28
	56-23-5	Dow Chemical 1	Plaquemine	LA	CHLOR ALK PRODUCTION	60100	1.15E+02	1.73E-03	0.0058	0.000015	301855	911403		11/20/86	28
	56-23-5	Dow Chemical 2	Plaquemine	LA	CHLOR ALK PRODUCTION	8170	7.06E+00	1.06E-04	0.0004	0.000015	301911	911423		11/20/86	28
	56-23-5	DuPont	Corpus Christi	TX	CHLOR ALK PRODUCTION	0	1.31E+02	1.97E-03	0.0056	0.000015	278228	971434		11/20/86	28
	56-23-5	E.I. DUPONT	MONTAGUE	MI	CFC PRODUCTION	7800	3.43E+00	5.14E-05	0.0001	0.000015	432349	862323		04/25/86	28
	56-23-5	E.I. DUPONT	ANTIOCH	CA	CFC PRODUCTION	4100	1.80E+01	2.69E-04	0.0012	0.000015	380044	1214450		04/25/86	28
	56-23-5	E.I. DUPONT	DEEPWATER	NJ	CFC PRODUCTION	15700	1.32E+01	2.00E-04	0.0040	0.000015	394124	0753034		04/25/86	28
	56-23-5	E.I. duPont	Beaumont	TX	CHLOR ALK USE	209940	1.52E+02	2.30E-03	0.0099	0.000015	300043	940136		05/08/86	28
	56-23-5	ESSEX	WICHITA	KS	CFC PRODUCTION	19900	7.24E+00	1.09E-04	0.0006	0.000015	373500	972521		04/25/86	28
	56-23-5	FMC CORPORATION	BALTIMORE	MD	PESTICIDES	9790	1.86E+01	2.79E-04	0.0039	0.000015	391353	763427	*	08/05/86	28
	56-23-5	Formosa	Baton Rouge	LA	EDC PRODUCTION	4300	7.91E-01	1.19E-05	0.0007	0.000015	303000	911059	*	04/21/86	28
	56-23-5	Formosa	Point Comfort	Tx	EDC PRODUCTION	3110	4.50E-01	6.74E-06	<0.0001	0.000015	284103	963211	*	04/21/86	28
	56-23-5	Georgia-Gulf	Plaquemine	LA	EDC PRODUCTION	8000	2.05E-02	3.08E-07	0.0002	0.000015	301629	911029	*	04/21/86	28
	56-23-5	KAISER	GRAMERCY	LA	CFC PRODUCTION	14000	1.90E+01	2.85E-04	0.0010	0.000015	300226	903936		04/25/86	28
	56-23-5	LCP Chemicals	Moundsville	WV	CHLOR ALK PRODUCTION	38900	7.46E+01	1.12E-03	0.0040	0.000015	395039	804809		11/20/86	28
	56-23-5	PENNWALT	CALVERT CITY	KY	CFC PRODUCTION	21200	3.91E+01	5.86E-04	0.0011	0.000015	370323	882159		04/25/86	28
	56-23-5	PPG	Lake Charles	LA	EDC PRODUCTION	7500	5.03E+00	7.57E-05	0.0005	0.000015	301326	931458	*	04/21/86	28
	56-23-5	SDS Biotech	HOUSTON	TX	PESTICIDES	323969	2.31E+02	4.96E-03	0.13	0.000015	294341	951017		08/05/86	28
	56-23-5	Shell	Deer Park	TX	EDC PRODUCTION	1500	8.18E-01	7.77E-06	0.0006	0.000015	294303	950782	*	04/21/86	28
	56-23-5	Stauffer	LeMoyne	AL	CHLOR ALK PRODUCTION	203000	1.71E+02	2.56E-03	0.014	0.000015	305616	880129		11/20/86	28
	56-23-5	USI	Port Arthur	TX	EDC PRODUCTION	2210	1.48E-01	2.22E-06	0.0001	0.000015	295155	935948	*	04/21/86	28
	56-23-5	VELSICOL	MEMPHIS	TN	PESTICIDES	544818	3.76E+02	5.64E-03	0.29	0.000015	350901	895705	*	08/05/86	28
	56-23-5	Vista	Westlake	LA	EDC PRODUCTION	4300	7.07E-01	1.06E-05	0.0002	0.000015	301503	931459	*	04/21/86	28
	56-23-5	Vulcan	Geismar	LA	EDC PRODUCTION	3200	8.66E-01	1.30E-05	0.0002	0.000015	301129	905826	*	04/21/86	28
	56-23-5	Vulcan Chemicals	Geismar	LA	CHLOR ALK PRODUCTION	260	9.61E+00	1.61E-04	0.0007	0.000015	301127	905842		11/20/86	28
	56-23-5	Vulcan Chemicals	Wichita	KS	CHLOR ALK PRODUCTION	92300	1.02E+02	1.52E-03	0.0043	0.000015	373459	972509		11/20/86	28
	56-23-5	Vulcan Chemicals 1	Geismar	LA	CHLOR ALK PRODUCTION	9760	1.39E+01	2.10E-04	0.0001	0.000015	301127	905842		11/20/86	28
	56-23-5	Vulcan Chemicals 1	Wichita	KS	CHLOR ALK PRODUCTION	750	4.83E-01	7.28E-06	<0.0001	0.000015	373459	972509	*	11/20/86	28
	56-23-5	Vulcan Chemicals 2	Geismar	LA	CHLOR ALK PRODUCTION	48700	8.34E+01	1.25E-03	0.0001	0.000015	301127	905842		11/20/86	28
	56-23-5	Vulcan Chemicals 2	Wichita	KS	CHLOR ALK PRODUCTION	27900	2.01E-01	3.01E-06	<0.0001	0.000015	373459	972509	*	11/20/86	28
CHLOROFORM	67-66-3	AEROJET	SACRAMENTO	CA	ORPA	49300	2.83E+01	6.50E-04	0.023	0.000023	383430	1211256	*	04/02/86	26
	67-66-3	ALASKA LUMBER & PULP	SITKA	AK	DISS. SULFITE PULP	16843	9.65E-02	2.22E-06	0.0001	0.000023	570256	1351349	*	04/02/86	26
	67-66-3	ALLIED	ELIZABETH	NJ	CFC PRODUCTION	19700	8.79E+00	2.02E-04	0.025	0.000023	406044	741350	*	03/14/86	26
	67-66-3	ALLIED	EL SEGUNDO	CA	CFC PRODUCTION	3100	9.58E-02	2.20E-06	0.0001	0.000023	338637	1182634		03/14/86	26
	67-66-3	ALLIED PAPER	JACKSON	AL	MISC. INTRG. OPER.	20915	4.96E+01	1.03E-03	0.0011	0.000023	312940	875325	*	04/02/86	26
	67-66-3	ALPHA CELLULOSE	LUMBERTON	NC	MISC. INTER. OPER.	803	2.09E+00	4.81E-05	0.0004	0.000023	342627	785888	*	04/02/86	26
	67-66-3	AMERICAN CAN	BUTLER	AL	BOT BLCHD KFT PAPER	51830	4.70E-01	1.08E-05	0.0004	0.000023	321226	880106	*	04/02/86	26
	67-66-3	AMERICAN CAN	HALSEY	OR	BOT BLCHD KFT PAPER	28178	6.52E+01	1.50E-03	0.0032	0.000023	442220	1231013	*	04/02/86	26
	67-66-3	AMERICAN CAN CO.	ASHLAND	WI	DRINK TISSUE OPER.	2409	3.15E+00	7.25E-05	<0.0001	0.000023	411217	910233	*	04/02/86	26
	67-66-3	AMERICAN CAN CO.	GREEN BAY	WI	PAPERGRADE SULFITE	4928	6.94E+00	1.60E-04	0.0016	0.000023	443122	880027	*	04/02/86	26
	67-66-3	APPLETON PAPERS	BOARDING SPRINGS	FA	SODA & KFT FINE PAPR	6384	8.71E+00	2.01E-04	0.0008	0.000023	402001	782406	*	04/02/86	26
	67-66-3	Arco	Port Arthur	TX	EDC PRODUCTION	2600	1.91E-01	4.39E-06	0.0002	0.000023	295155	935948	*	04/21/86	28
	67-66-3	B. F. Goodrich	Calvert City	KY	EDC PRODUCTION	10700	1.77E-01	4.08E-06	0.0002	0.000023	370349	881919	*	04/21/86	28

TABLE 19. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CHLOROFORM	67-66-3	B. F. Goodrich	LaPorte	TX	EDC PRODUCTION	600	1.02E-02	2.35E-07	0.0002	0.000023	294559	950459	*	04/21/86	28
	67-66-3	BADGER PAPER	PESHTIGO	WI	PAPERGRADE SULFITE	4928	6.94E+00	1.60E-04	0.0002	0.000023	450319	874438	*	04/02/86	26
	67-66-3	BERGSTROM PAPER	MENASH	WI	DEINK FINE PAPER	23616	3.32E+01	7.64E-04	0.0098	0.000023	441138	882731	*	04/02/86	26
	67-66-3	BERGSTROM PAPER	WEST CARROLLTON	OH	DEINK FINE PAPER	20659	3.96E+01	9.11E-04	0.020	0.000023	394023	841411	*	04/02/86	26
	67-66-3	BOISE CASCADE	RUMFORD	ME	SODA & KFT FINE PAPR	37997	9.61E+01	2.21E-03	0.0051	0.000023	443307	703222	*	04/02/86	26
	67-66-3	BOISE CASCADE	INTERNATNL FALLS	MN	SODA & KFT FINE PAPR	35588	3.70E+01	8.52E-04	0.0010	0.000023	483649	932409	*	04/02/86	26
	67-66-3	BOISE CASCADE	SALEM	OR	PAPERGRADE SULFITE	49129	1.47E+02	3.39E-03	0.030	0.000023	445607	1230247	*	04/02/86	26
	67-66-3	BOISE CASCADE	ST. HELENS	OR	MISC. INTEG. OPER.	25879	4.38E+01	1.01E-03	0.0072	0.000023	455055	1224942	*	04/02/86	26
	67-66-3	BOISE SOUTHERN	DERIDDER	LA	MISC. INTEGR. OPER.	15330	5.93E-02	1.36E-06	0.0002	0.000023	304643	932811	*	04/02/86	26
	67-66-3	BOWATER CAROLINA	CATAWBA	SC	MISC. INTEG. OPER.	27302	6.50E-01	1.50E-05	0.0029	0.000023	345035	805329	*	04/02/86	26
	67-66-3	BOWATER SOUTHERN	CALHOUN	TN	MISC. INTER. OPER.	28961	8.57E+01	1.97E-03	0.0027	0.000023	351744	844518	*	04/02/86	26
	67-66-3	BROWN CO.	EAU CLAIRE	WI	DEINK TISSUE OPER.	7665	8.09E+00	1.86E-04	0.0019	0.000023	444942	913039	*	04/02/86	26
	67-66-3	BROWN CO.	EAST LADYSMITH	WI	DEINK TISSUE OPER.	2884	2.02E+00	4.64E-05	0.0002	0.000023	452740	910501	*	04/02/86	26
	67-66-3	BROWN CO.	BERLIN	NH	MISC. INTEGR. OPER.	1059	1.24E+00	2.84E-05	<0.0001	0.000023	442649	711111	*	04/02/86	26
	67-66-3	BRUNSWICK PULP	BRUNSWICK	GA	MKT BLCHD KRAFT	117457	2.04E+02	4.69E-03	0.014	0.000023	311031	813116	*	04/02/86	26
	67-66-3	Borden	Geismar	LA	EDC PRODUCTION	2800	8.41E-02	1.94E-06	0.0002	0.000023	301219	910107	*	04/21/86	28
	67-66-3	CHAMPION INTRNATNL	PASADENA	TX	SODA & KFT FINE PAPR	52013	3.55E+00	8.17E-05	0.050	0.000023	294320	951254	*	04/02/86	26
	67-66-3	CHAMPION INTRNATNL	COURTLAND	AL	SODA & KFT FINE PAPR	25419	3.16E-01	7.28E-06	0.0022	0.000023	344401	871835	*	04/02/86	26
	67-66-3	CHAMPION INTRNATNL	CANTON	NC	MISC. INTER. OPER.	37688	7.14E+01	1.64E-03	0.0045	0.000023	353209	825030	*	04/02/86	26
	67-66-3	CHESAPEAKE CORP.	WEST POINT	VA	MISC. INTEGR. OPER.	9308	2.38E+01	5.48E-04	0.0006	0.000023	373218	764817	*	04/02/86	26
	67-66-3	CONSOLIDATED PAPERS	APPLETON	WI	PAPERGRADE SULFITE	4928	6.94E+00	1.60E-04	0.0023	0.000023	441548	882258	*	04/02/86	26
	67-66-3	CONSOLIDATED PAPERS	WISCONSIN RAPID	WI	MKT BLCHD KRAFT	14746	2.31E+01	5.32E-04	0.0028	0.000023	442342	894933	*	04/02/86	26
	67-66-3	CONTAINER CORP.AMER.	BREWTON	AL	MISC. INTEG. OPER.	27923	1.77E-01	4.07E-06	0.0009	0.000023	310431	870635	*	04/02/86	26
	67-66-3	CONTINENTAL FOREST	AUGUSTA	GA	BCT BLCHD KFT P&PPR	65919	8.20E+01	1.89E-03	0.0021	0.000023	322257	820001	*	04/02/86	26
	67-66-3	CROWN ZELLERBACH	BOGALUSA	LA	MISC. INTEGR. OPER.	20915	4.44E+01	1.02E-03	0.0076	0.000023	304606	895117	*	04/02/86	26
	67-66-3	CROWN ZELLERBACH	CAMAS	WA	MISC. INTEG. OPER.	84425	1.43E+02	3.28E-03	0.027	0.000023	453501	1222422	*	04/02/86	26
	67-66-3	CROWN ZELLERBACH	ST.FRANCISVILLE	LA	MISC. INTER. OPER.	20915	2.67E+01	6.14E-04	0.0014	0.000023	304629	912241	*	04/02/86	26
	67-66-3	CROWN ZELLERBACH	CLATSKANIE	OR	MISC. INTER. OPER.	20915	4.27E+01	9.82E-04	0.0005	0.000023	460915	1232408	*	04/02/86	26
	67-66-3	CROWNSIMP.&FIBRKS	EUREKA	CA	MKT BLCHD KRAFT	37121	1.56E+02	3.59E-03	0.0032	0.000023	404655	1241143	*	04/02/86	26
	67-66-3	DIAMOND INTERNATIONL	HYDE PARK	MA	DEINK FINE PAPER	17703	2.01E+01	4.63E-04	0.0046	0.000023	414740	710700	*	04/02/86	26
	67-66-3	DIAMOND INTRNTL	OLD TOWN	ME	MKT BLCHD KRAFT	33033	5.12E+01	1.18E-03	0.0027	0.000023	445500	683805	*	04/02/86	26
	67-66-3	DOW Chemical	Oyster Creek	TX	EDC PRODUCTION	6800	1.44E+00	3.31E-05	0.0004	0.000023	285759	952059	*	04/21/86	28
	67-66-3	DOW I	Plaquemine	LA	EDC PRODUCTION	5800	9.86E-01	2.27E-05	0.0004	0.000023	301945	911420	*	04/21/86	28
	67-66-3	DOW II	Plaquemine	LA	EDC PRODUCTION	5800	1.07E+00	2.45E-05	0.0005	0.000023	301945	911420	*	04/21/86	28
	67-66-3	DUPONT	LOUISVILLE	KY	CFC PRODUCTION	23900	1.87E+01	4.29E-04	0.0038	0.000023	381150	855412	*	03/14/86	28
	67-66-3	DUPONT	BEAUMONT	TX	HYPALON PRODUCTION	79700	5.34E-02	1.23E-06	0.0016	0.000023	300122	933711	*	03/14/86	28
	67-66-3	Diamond Shamrock	Convent	LA	EDC PRODUCTION	4200	7.12E-02	1.64E-06	0.0002	0.000023	300343	904954	*	04/21/86	28
	67-66-3	Diamond Shamrock	Deer Park	TX	EDC PRODUCTION	53600	4.01E+01	9.22E-04	0.033	0.000023	294259	950659	*	04/21/86	28
	67-66-3	Diamond Shamrock	Belle	WV	CHLOR BC PRODUCTION	89300	8.13E+01	1.87E-03	0.017	0.000023	381359	813248		11/20/86	28
	67-66-3	Dow Chemical	Freeport	TX	CHLOR BC PRODUCTION	115000	9.86E+00	2.27E-04	0.0034	0.000023	285659	951859		11/20/86	28
	67-66-3	Dow Chemical 2	Plaquemine	LA	CHLOR BC PRODUCTION	67800	1.37E+02	3.16E-03	0.0098	0.000023	301911	911423		11/20/86	28
	67-66-3	E.I. DUPONT/HYPALON	BEAUMONT	TX	CHLOR BC USE	193832	1.55E+02	3.56E-03	0.014	0.000023	300043	940136		11/06/87	28
	67-66-3	ERVING PAPER MILLS	ERVING	MA	DEINK TISSUE OPER.	3833	5.42E+00	1.25E-04	0.0002	0.000023	423552	722412	*	04/02/86	26
	67-66-3	ERVING PAPER MILLS	BALDWINVILLE	MA	DEINK TISSUE OPER.	3833	5.42E+00	1.25E-04	0.0003	0.000023	423648	720434	*	04/02/86	26
	67-66-3	ERVING PAPER MILLS	HINSDALE	NH	DEINK TISSUE OPER.	110	1.55E-01	3.56E-06	<0.0001	0.000023	424713	722631	*	04/02/86	26
	67-66-3	FEDERAL PAPERBOARD	RIEGELWOOD	NC	BCT BLCHD KFT P&PPR	136400	4.82E-01	1.11E-05	0.0035	0.000023	342010	781253	*	04/02/86	26
	67-66-3	FIBERBOARD CORP.	ANTIOCH	CA	MISC. INTEGR. OPER.	20915	5.45E+01	1.25E-03	0.0035	0.000023	380105	1214541	*	04/02/86	26
	67-66-3	FINCH PRUYN &CO.	GLEN FALLS	NY	PAPERGRADE SULFITE	56502	7.46E+01	1.72E-03	0.020	0.000023	431826	733818	*	04/02/86	26
	67-66-3	FLAMBEAU PAPER	PARK FALLS	WI	PAPERGRADE SULFITE	20477	2.16E+01	4.97E-04	0.0005	0.000023	455601	902644	*	04/02/86	26
	67-66-3	FORT HOWARD PAPER	GREEN BAY	WI	DEINK TISSUE OPER.	3933	1.14E+00	2.62E-05	0.0013	0.000023	442925	880200	*	04/02/86	26
	67-66-3	FORT HOWARD PAPER	MUSKOGEE	OK	DEINK TISSUE OPER.	3833	7.79E+00	1.79E-04	0.0005	0.000023	354234	952254	*	04/02/86	26
	67-66-3	Formosa	Baton Rouge	LA	EDC PRODUCTION	3100	1.57E-01	3.61E-06	0.0005	0.000023	303000	911059	*	04/21/86	28
	67-66-3	Formosa	Point Comfort	TX	EDC PRODUCTION	4700	1.22E-01	2.81E-06	0.0001	0.000023	284103	963211	*	04/21/86	28
	67-66-3	GEORGIA PACIFIC	KALAMAZOO	MI	DEINK FINE PAPER	23112	2.19E+01	5.03E-04	0.0065	0.000023	421656	853301	*	04/02/86	26
	67-66-3	GEORGIA PACIFIC	BELLINGHAM	WA	PAPERGRADE SULFITE	126947	3.15E+02	7.24E-03	0.058	0.000023	484453	1222907	*	04/02/86	26

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CHLOROFORM	67-66-3	GEORGIA PACIFIC	LACHARY	LA	MKT BLCHD KRAFT	37121	6.92E+01	1.59E-03	0.0026	0.000023	304229	911914	*	04/02/86	26
	67-66-3	GEORGIA PACIFIC	CROSSETT	AR	MISC. INTEG. OPER.	35807	5.86E+01	1.35E-03	0.0034	0.000023	330820	915750	*	04/02/86	26
	67-66-3	GEORGIA PACIFIC	WOODLAND	ME	MISC. INTEG. OPER.	25039	3.88E+01	8.92E-04	0.0004	0.000023	450932	672606	*	04/02/86	26
	67-66-3	GILMAN PAPER	ST. MARY'S	GA	MISC. INTEG. OPER.	30222	3.42E+01	7.86E-04	0.0016	0.000023	304442	813226	*	04/02/86	26
	67-66-3	GULF STATES PAPER	DEMOPOLIS	AL	BCT BLCHD KFT PAPER	23433	7.56E-02	1.74E-06	0.0002	0.000023	322714	875842	*	04/02/86	26
	67-66-3	Georgia-Gulf	Plaquemine	LA	EDC PRODUCTION	9200	2.51E-02	5.77E-07	0.0004	0.000023	301629	911029	*	04/21/86	28
	67-66-3	HAMMERMILL	ERIE	PA	SODA & KFT FINE PAPR	18798	3.36E+01	7.78E-04	0.0049	0.000023	420823	800303	*	04/02/86	26
	67-66-3	HAMMERMILL	SELMA	AL	MKT BLCHD KRAFT	39165	6.49E+01	1.49E-03	0.0058	0.000023	322655	870000	*	04/02/86	26
	67-66-3	HERCULES INC.	HOPEWELL	VA	MISC. INTEGR. OPER.	7848	2.01E+01	4.62E-04	0.0019	0.000023	371802	771602	*	04/02/86	26
	67-66-3	HOERNER WALDORF	MISSOULA	MT	MISC. INTEGR. OPER.	11169	9.86E-02	2.27E-06	0.0004	0.000023	465816	1141153	*	04/02/86	26
	67-66-3	HOFFMAN LaROCHE	NUTLEY	NJ	PHARMACEUTICAL	30717	2.33E+01	5.37E-04	0.0040	0.000023	404949	753203		07/16/86	283
	67-66-3	HOFFMAN LaROCHE	BELVIDERE	NJ	PHARMACEUTICAL	236201	9.04E+01	2.08E-03	0.042	0.000023	405029	754259		07/16/86	283
	67-66-3	HOFFMAN-LAROCHE	BELVIDERE	NJ	VITAMIN C MANUFACTURE	222500	4.75E+01	1.09E-03	0.021	0.000023	405044	753959	*	03/14/86	28
	67-66-3	HUDSON PULP & PAPER	PALATKA	FL	MISC. INTEGR. OPER.	28981	5.03E+01	1.16E-03	0.0016	0.000023	294052	814054	*	04/02/86	26
	67-66-3	INTERNATIONAL PAPER	TEXARKANA	TX	BCT BLCHD KFT PAPER	47341	2.51E-01	5.78E-06	0.0022	0.000023	331858	940445	*	04/02/86	26
	67-66-3	INTERNATIONAL PAPER	PINE BLUFF	AR	MISC. INTEG. OPER.	23579	3.80E+01	8.74E-04	0.0012	0.000023	341245	915420	*	04/02/86	26
	67-66-3	INTERNATIONAL PAPER	MOSS POINT	MS	MISC. INTEG. OPER.	19455	1.46E+01	3.37E-04	0.0027	0.000023	302358	883059	*	04/02/86	26
	67-66-3	INTERNATIONAL PAPER	MOBILE	AL	MISC. INTER. OPER.	24200	2.09E+01	4.80E-04	0.013	0.000023	304437	880335	*	04/02/86	26
	67-66-3	INTERNTL PAPER	PANAMA CITY	FL	MISC. INTEGR. OPER.	19236	4.22E+01	9.70E-04	0.0045	0.000023	300829	853723	*	04/02/86	26
	67-66-3	INTERNTL PAPER	GEORGETOWN	SC	MISC. INTEGR. OPER.	21937	4.28E+01	9.85E-04	0.0035	0.000023	341316	820751	*	04/02/86	26
	67-66-3	INTRNATNL PAPER	JAY	ME	SODA & KFT FINE PAPR	46392	1.17E+02	2.70E-03	0.0040	0.000023	443025	701428	*	04/02/86	26
	67-66-3	INTRNATNL PAPER	TICONDEROGA	NY	SODA & KFT FINE PAPR	25185	1.42E-01	3.27E-06	0.0004	0.000023	435259	732338	*	04/02/86	26
	67-66-3	INTRNATNL PAPER	BASTROP	LA	SODA & KFT FINE PAPR	23616	3.87E+01	8.90E-04	0.0041	0.000023	324639	915419	*	04/02/86	26
	67-66-3	ITT RAYONIER	HOQUIAM	WA	DISS. SULFITE PULP	9417	1.37E+01	3.15E-04	0.0013	0.000023	465814	1235221	*	04/02/86	26
	67-66-3	ITT RAYONIER	PORT ANGELES	WA	DISS. SULFITE PULP	13578	3.95E+01	9.08E-04	0.0028	0.000023	480701	1232414	*	04/02/86	26
	67-66-3	ITT RAYONIER	FERNANDINA BCH	FL	DISS. SULFITE PULP	13578	1.54E+01	3.53E-04	0.0014	0.000023	303947	812821	*	04/02/86	26
	67-66-3	KAISER	GRAMERCY	LA	CPC PRODUCTION	11700	5.45E-01	1.25E-05	0.0001	0.000023	300324	904012		03/14/86	28
	67-66-3	KIMBERLY CLARK	COOSA PINES	AL	MISC. INTER. OPER.	20915	3.01E-01	6.93E-06	0.0017	0.000023	331935	862126	*	04/02/86	26
	67-66-3	LCP Chemicals	Moundsville	WV	CHLOR BC PRODUCTION	83200	1.42E+02	3.26E-03	0.013	0.000023	395039	804809		11/20/86	28
	67-66-3	LINCOLN PULP & PAPER	LINCOLN	ME	MISC. INTEG. OPER.	20915	3.24E+01	7.45E-04	0.0012	0.000023	452202	683033	*	04/02/86	26
	67-66-3	LONGVIEW FIBER	LONGVIEW	WA	MISC. INTEGR. OPER.	43472	1.00E+02	2.30E-03	0.0069	0.000023	460613	1223505	*	04/02/86	26
	67-66-3	LOUISIANA PACIFIC	HEPCHIHAN	AK	DISS. SULFITE PULP	13578	2.53E+01	5.81E-04	0.0002	0.000023	552418	1314354	*	04/02/86	26
	67-66-3	LOUISIANA PACIFIC	SAONA	CA	MKT BLCHD KRAFT	49290	5.62E+01	1.29E-03	0.0039	0.000023	404845	1241107	*	04/02/86	26
	67-66-3	MARCAL PAPER	ELMWOOD	PA	DEINK TISSUE OPER.	3833	6.38E+00	1.47E-04	0.013	0.000023	405407	740737	*	04/02/86	26
	67-66-3	MEAD PAPERS	ESCANABA	MI	SODA & KFT FINE PAPR	25587	4.76E+01	1.10E-03	0.0025	0.000023	454634	870345	*	04/02/86	26
	67-66-3	MEAD PAPERS	CHILLICOTHE	OH	SODA & KFT FINE PAPR	46392	5.15E+01	1.18E-03	0.012	0.000023	391928	825826	*	04/02/86	26
	67-66-3	MEAD PAPERS	KINGSPORT	TN	SODA & KFT FINE PAPR	17995	2.50E+01	5.75E-04	0.0064	0.000023	363252	823401	*	04/02/86	26
	67-66-3	MERCK	RAHWAY	NJ	PHARMACEUTICAL	43844	2.48E+01	5.70E-04	0.092	0.000023	403640	741543		07/16/86	283
	67-66-3	NEKOOSA	PORT EDWARDS	WI	SODA & KFT FINE PAPR	17192	2.70E+01	6.20E-04	0.0009	0.000023	442015	895134	*	04/02/86	26
	67-66-3	NEKOOSA	ASHDOWN	AR	SODA & KFT FINE PAPR	31609	4.92E+01	1.13E-03	0.0009	0.000023	333731	940557	*	04/02/86	26
	67-66-3	NEKOOSA	PORT EDWARDS	WI	PAPERGRADE SULFITE	35223	5.53E+01	1.27E-03	0.0020	0.000023	441847	895346	*	04/02/86	26
	67-66-3	OLIN CORP.	PISGAH FOREST	NC	MISC. INTER. OPER.	20294	3.85E+01	8.85E-04	0.0027	0.000023	351619	824217	*	04/02/86	26
	67-66-3	P.H. GLATFELTER	SPRING GROVE	PA	SODA & KFT FINE PAPR	23068	3.56E+01	1.28E-03	0.0030	0.000023	395142	765200	*	04/02/86	26
	67-66-3	PATRICIAN	SOUTH GLEN FALL	NY	DEINK TISSUE OPER.	3833	5.06E+00	1.16E-04	0.0013	0.000023	431813	733814	*	04/02/86	26
	67-66-3	PENNWALT	CALVERT CITY	KY	CPC PRODUCTION	9500	8.69E+00	2.00E-04	0.0004	0.000023	370309	881939		03/14/86	28
	67-66-3	PENTECH PAPERS	JOHNSONBURG	PA	SODA & KFT FINE PAPR	14819	2.30E+01	5.29E-04	0.0011	0.000023	412926	784041	*	04/02/86	26
	67-66-3	PONDEROSA PAPER	FLAGSTAFF	AZ	DEINK TISSUE OPER.	3833	2.43E+00	5.59E-05	0.0007	0.000023	351119	1113827	*	04/02/86	26
	67-66-3	POTLATCH CORP	LEWISTON	ID	BCT BLCHD KFT PAPER	70993	2.36E+02	5.43E-03	0.0051	0.000023	462526	1165825	*	04/02/86	26
	67-66-3	POTLATCH CORP	MCGEHEE	AR	BCT BLCHD KFT PAPER	65372	1.61E+02	3,70E-03	0.0028	0.000023	333803	912339	*	04/02/86	26
	67-66-3	POTLATCH CORP.	RAMSOM	PA	DEINK TISSUE OPER.	2409	2.64E+00	6.06E-05	0.0003	0.000023	412316	754938	*	04/02/86	26
	67-66-3	POTLATCH CORP.	CLOQUET	MN	MISC. INTEG. OPER.	11169	1.03E+01	2.38E-04	0.0011	0.000023	464327	922543	*	04/02/86	26
	67-66-3	PPG	Lake Charles	LA	EDC PRODUCTION	15100	1.14E+01	2.62E-04	0.0015	0.000023	301326	931658	*	04/21/86	28
	67-66-3	PROCTOR & GAMBLE	MEHOOPANY	PA	PAPERGRADE SULFITE	29492	3.23E+01	7.44E-04	0.0014	0.000023	413414	760235	*	04/02/86	26
	67-66-3	PROCTOR & GAMBLE	GREEN BAY	WI	PAPERGRADE SULFITE	52414	7.38E+01	1.70E-03	0.015	0.000023	443129	880009	*	04/02/86	26
	67-66-3	PROCTOR AND GAMBLE	OGLETHORPE	GA	MKT BLCHD KRAFT	37121	5.18E+01	1.19E-03	0.0021	0.000023	321729	840029	*	04/02/86	26

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CHLOROFORM	67-66-3	PUTNEY PAPER	PUTNEY	VT	DEINK TISSUE OPER.	3833	5.09E+00	1.17E-04	0.0002	0.000023	424946	723259	*	04/02/86	26
	67-66-3	RACON	WICHITA	KS	CFC PRODUCTION	16800	7.30E+00	1.68E-04	0.0028	0.000023	374329	971959		03/14/86	28
	67-66-3	ROBELL TISSUE	PRYOR	OK	DEINK TISSUE OPER.	3833	7.79E+00	1.79E-04	0.0002	0.000023	361502	951640	*	04/02/86	26
	67-66-3	SCHERING CORP	UNION	NJ	PHARMACEUTICAL	6423	8.59E+00	1.98E-04	0.021	0.000023	404103	741358		07/16/86	283
	67-66-3	SCOTT PAPER	WESTBROOK	ME	SODA & SFT FINE PAPR	24419	2.65E+01	6.56E-04	0.0074	0.000023	434102	702107	*	04/02/86	26
	67-66-3	SCOTT PAPER	MUSKEGON	MI	SODA & SFT FINE PAPR	14819	1.29E+01	2.97E-04	0.0023	0.000023	431251	861828	*	04/02/86	26
	67-66-3	SCOTT PAPER	EVERETT	WA	PAPERGRADE SULFITE	167900	4.88E+02	1.12E-02	0.15	0.000023	475901	1221256	*	04/02/86	26
	67-66-3	SCOTT PAPER	HINCKLEY	ME	NKT BLCHD KRAFT	37121	2.16E-01	4.97E-06	0.0011	0.000023	444134	693849	*	04/02/86	26
	67-66-3	SCOTT PAPER	MOBILE	AL	MISC. INTEG. OPER.	20918	4.81E+01	1.11E-03	0.0076	0.000023	304408	880257	*	04/02/86	26
	67-66-3	SIMPSON PAPER	ANDERSON	CA	SODA & SFT FINE PAPR	17593	5.79E+01	1.33E-03	0.0028	0.000023	402541	1221555	*	04/02/86	26
	67-66-3	SOUTHLAND PAPER	HOUSTON	TX	MISC. INTER. OPER.	10967	1.91E+01	4.38E-04	0.0074	0.000023	295305	950624	*	04/02/86	26
	67-66-3	SOUTHLAND PAPR MILL	LUFKIN	TX	MISC. INTER. OPER.	14710	3.75E+01	8.64E-04	0.0020	0.000023	312121	944042	*	04/02/86	26
	67-66-3	ST. JOE PAPER	PORT ST. JOE	FL	MISC. INTEGR. OPER.	21535	4.72E+01	1.09E-03	0.0015	0.000023	294910	851846	*	04/02/86	26
	67-66-3	ST. REGIS PAPER	RHINELANDER	WI	PAPERGRADE SULFITE	47823	6.69E+01	1.54E-03	0.0045	0.000023	453822	892529	*	04/02/86	26
	67-66-3	ST. REGIS PAPER	TACOMA	WA	MISC. INTEGR. OPER.	20696	1.03E+02	2.37E-03	0.020	0.000023	471600	1222536	*	04/02/86	26
	67-66-3	ST. REGIS PAPER	CANTONMENT	FL	MISC. INTEGR. OPER.	18250	4.20E+01	9.66E-04	0.0022	0.000023	303621	871923	*	04/02/86	26
	67-66-3	STATLER TISSUE	AUGUSTA	ME	DEINK TISSUE OPER.	3833	9.70E+00	2.23E-04	0.0015	0.000023	441930	694602	*	04/02/86	26
	67-66-3	SW FOREST INDUSTRIES	SNOWFLAKE	AZ	MISC. INTEGR. OPER.	20915	6.13E+01	1.41E-03	0.0013	0.000023	343035	1100532	*	04/02/86	26
	67-66-3	Shell	Deer Park	TX	EDC PRODUCTION	7800	4.37E-01	1.01E-05	0.0031	0.000023	294303	950752	*	04/21/86	28
	67-66-3	TEMPLE EASTEX	DIBOLL	TX	BCT BLCHD SFT P&PPR	103697	1.65E+02	3.80E-03	0.0048	0.000023	302037	940357	*	04/02/86	26
	67-66-3	UNION CAMP	FRANKLIN	VA	MISC. INTER. OPER.	23579	3.06E+01	7.04E-04	0.0021	0.000023	364040	765443	*	04/02/86	26
	67-66-3	VALENTINE PULP&PAPER	LOCKPORT	LA	MISC. INTER. OPER.	4745	7.26E+00	1.67E-04	0.0004	0.000023	293531	902808	*	04/02/86	26
	67-66-3	Vista	Westlake	LA	EDC PRODUCTION	6500	1.13E-01	2.60E-06	0.0003	0.000023	301503	931659	*	04/21/86	28
	67-66-3	Vulcan	Geismar	LA	EDC PRODUCTION	19800	3.58E+00	8.22E-05	0.0017	0.000023	301129	905826	*	04/21/86	28
	67-66-3	Vulcan Chemicals 1	Geismar	LA	CHLOR HC PRODUCTION	54100	7.96E+01	1.83E-03	0.0055	0.000023	301127	905842		11/20/86	28
	67-66-3	Vulcan Chemicals 1	Wichita	KS	CHLOR HC PRODUCTION	120000	1.06E+02	2.43E-03	0.0065	0.000023	373459	972509	*	11/20/86	28
	67-66-3	WARD PAPER	MERRILL	WI	DEINK FINE PAPER	2957	4.16E+00	9.57E-05	0.0003	0.000023	451038	894052	*	04/02/86	26
	67-66-3	WAUSAU PAPER	BROKAW	WI	PAPERGRADE SULFITE	29492	3.22E+01	7.40E-04	0.0026	0.000023	450127	893904	*	04/02/86	26
	67-66-3	WESTERN KRAFT	HAMLSVILLE	KY	NKT BLCHD KRAFT	14746	1.16E-01	2.68E-06	0.0005	0.000023	375142	894518	*	04/02/86	26
	67-66-3	WESTVACO	LUKE	MD	SODA & SFT FINE PAPR	30806	1.08E+02	2.48E-03	0.0051	0.000023	392831	790308	*	04/02/86	26
	67-66-3	WESTVACO	WICKLIFFE	KY	MISC. INTEG. OPER.	17995	4.09E-01	9.41E-06	0.0007	0.000023	365641	890425	*	04/02/86	26
	67-66-3	WESTVACO	COVINGTON	VA	MISC. INTER. OPER.	20477	2.20E+01	5.05E-04	0.0033	0.000023	374751	795936	*	04/02/86	26
	67-66-3	WEYERHAEUSER	COSMOPOLIS	WA	DISS. SULFITE PULP	8395	1.22E+01	2.81E-04	0.0010	0.000023	465709	1234552	*	04/02/86	26
	67-66-3	WEYERHAEUSER	ROTHSCHILD	WI	PAPERGRADE SULFITE	36026	5.07E+01	1.17E-03	0.0035	0.000023	445116	893728	*	04/02/86	26
	67-66-3	WEYERHAEUSER	NEW BERN	NC	NKT BLCHD KRAFT	47815	5.10E-01	1.17E-05	0.0030	0.000023	351238	770715	*	04/02/86	26
	67-66-3	WEYERHAEUSER	EVERETT	WA	NKT BLCHD KRAFT	48290	1.40E+02	3.23E-03	0.025	0.000023	480006	1221319	*	04/02/86	26
	67-66-3	WEYERHAEUSER	PLYMOUTH	NC	MISC. INTEGR. OPER.	19236	4.32E+01	9.93E-04	0.0013	0.000023	355135	764645	*	04/02/86	26
	67-66-3	WEYERHAEUSER	LONGVIEW	WA	MISC. INTEG. OPER.	31244	1.53E+01	3.53E-04	0.0069	0.000023	460744	1225853	*	04/02/86	26
	67-66-3	WISCONSIN TISSUE	MENOMEE	WI	DEINK TISSUE OPER.	3358	4.73E+00	1.09E-04	0.0015	0.000023	441158	882704	*	04/02/86	26
CHROMIUM	7440-47-3	AETNA PORT. CMT	ESSEXVILLE	MI	CEMENT PLANTS	0	3.17E-05	3.81E-07	<0.0001	0.012	433707	835020	*	03/13/86	32
	7440-47-3	AL TECH	WATERVLIET	NY	SPECIALTY STEEL	115	2.47E-02	2.97E-04	0.012	0.012	424237	734325		03/07/86	33
	7440-47-3	ALLEGHENY	BRACKENRIDGE	PA	SPECIALTY STEEL	219	2.72E-02	3.27E-04	0.019	0.012	403629	794319		03/07/86	33
	7440-47-3	AM. CHROME & CHEM.CO	CORPUS CHRISTI	TX	PRODUCTION	5003	1.24E-01	1.49E-03	0.15	0.012	274859	972607	*	05/05/86	28
	7440-47-3	ARIZONA PORT. CMTCO.	PIMACOUNTY	AZ	CEMENT PLANTS	0	4.02E-07	4.82E-09	<0.0001	0.012	320358	1112051	*	03/13/86	32
	7440-47-3	ARKANSASCMT.CORP.	FORDYCE	AR	CEMENT PLANTS	0	7.22E-05	8.66E-07	<0.0001	0.012	334123	942506	*	03/13/86	32
	7440-47-3	ARMCO	BALTIMORE	MD	SPECIALTY STEEL	200	4.29E-02	5.15E-04	0.073	0.012	391813	763407		03/07/86	33
	7440-47-3	ARMCO	BUTLER	PA	SPECIALTY STEEL	549	1.46E-02	1.75E-04	0.022	0.012	405059	795259		03/07/86	33
	7440-47-3	ASHGROVE CMT.	CHANUTE	KS	CEMENT PLANTS	0	2.99E-06	3.59E-08	<0.0001	0.012	373931	953039	*	03/13/86	32
	7440-47-3	ASHGROVE CMT.CO.	LOUISVILLE	NE	CEMENT PLANTS	0	3.65E-05	4.38E-07	<0.0001	0.012	405745	961359	*	03/13/86	32
	7440-47-3	ATLANTIC CMT.CO.	RAVENA	NY	CEMENT PLANTS	0	1.13E-05	1.35E-07	0.0001	0.012	422949	734856	*	03/13/86	32
	7440-47-3	BETHLEHEM STEEL	BETHLEHEM	PA	BOPF'S	0	4.79E-06	5.75E-08	<0.0001	0.012	403559	752059	*	03/07/86	33
	7440-47-3	BETHLEHEM STEEL	SPARROWS POINT	MD	BOPF'S	0	3.83E-06	4.59E-08	<0.0001	0.012	391259	762759	*	03/07/86	33
	7440-47-3	BETHLEHEM STEEL	BURNS HARBOR	IN	BOPF'S	0	8.78E-07	1.05E-08	<0.0001	0.012	413829	870807	*	03/07/86	33
	7440-47-3	BLUE CIRCLE IND.	CALERA(BIRMINGH	AL	CEMENT PLANTS	0	1.72E-05	2.07E-07	<0.0001	0.012	330618	864801	*	03/13/86	32
	7440-47-3	BLUE CIRCLE IND.	ATLANTA	GA	CEMENT PLANTS	0	1.44E-05	1.73E-07	0.0001	0.012	334921	842817	*	03/13/86	32

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS LB/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CHROMIUM	7440-47-3	BLUE CIRCLE IND.	TULSA	OK	CEMENT PLANTS	0	2.27E-04	2.73E-06	0.0001	0.012	361027	955325	*	03/13/86	32
	7440-47-3	CABOT	KOKOMO	ID	SPECIALTY STEEL	8	1.07E-03	1.28E-05	0.0005	0.012	402829	860943	*	03/07/86	33
	7440-47-3	CALIF. PORT. CMTCO.	MOJAVE	CA	CEMENT PLANTS	0	2.81E-04	3.38E-06	<0.0001	0.012	350141	1181850	*	03/13/86	32
	7440-47-3	CALIFORNIA PORT.	COLTON	CA	CEMENT PLANTS	0	2.68E-05	3.21E-07	0.0001	0.012	340303	1172035	*	03/13/86	32
	7440-47-3	CAPITAL	MARTINSBURG	WV	CEMENT PLANTS	0	1.45E-05	1.74E-07	<0.0001	0.012	392607	775856	*	03/13/86	32
	7440-47-3	CAPITAL CMT.	SAN ANTONIO	TX	CEMENT PLANTS	0	3.99E-05	4.78E-07	0.0001	0.012	293256	982407	*	03/13/86	32
	7440-47-3	CARPENTER	BRIDGEPORT	CT	SPECIALTY STEEL	55	4.24E-03	5.09E-05	0.0076	0.012	410959	730959	*	03/07/86	33
	7440-47-3	CARPENTER	READING	PA	SPECIALTY STEEL	34	3.33E-03	3.99E-05	0.0053	0.012	402146	755554	*	03/07/86	33
	7440-47-3	CEMTEX CMT.	CORPUSCHRISTI	TX	CEMENT PLANTS	0	4.43E-05	5.32E-07	0.0001	0.012	274912	972501	*	03/13/86	32
	7440-47-3	CEMTEX-AUSTIN CMT.CO	BUDA	TX	CEMENT PLANTS	0	2.12E-05	2.55E-07	<0.0001	0.012	301312	974128	*	03/13/86	32
	7440-47-3	CIAMBRO CEMENT	THOMASTON	ME	CEMENT PLANTS	0	6.12E-05	7.34E-07	<0.0001	0.012	440500	690925	*	03/13/86	32
	7440-47-3	COLUMBIA CMT.	BELLINGHAM	WA	CEMENT PLANTS	0	4.41E-05	5.29E-07	<0.0001	0.012	484608	1223124	*	03/13/86	32
	7440-47-3	COLUMBIA CMT.CO.	ZANESVILLE	OH	CEMENT PLANTS	0	8.78E-06	1.05E-07	<0.0001	0.012	395114	820636	*	03/13/86	32
	7440-47-3	COPLAYCMT.MFG.	CEMENTON	PA	CEMENT PLANTS	0	3.44E-06	4.13E-08	<0.0001	0.012	404018	753212	*	03/13/86	32
	7440-47-3	CORHART	ROCKHAMMON	WV	REFRACTORIES	31	1.85E-02	2.21E-04	0.0005	0.012	390003	801503		03/07/86	32
	7440-47-3	CRUCIBLE	SYRACUSE	NY	SPECIALTY STEEL	34	3.77E-03	4.53E-05	0.0014	0.012	400259	760959	*	03/07/86	33
	7440-47-3	CYCLOPS	MANSFIELD	OH	SPECIALTY STEEL	109	6.30E-03	7.57E-05	0.0032	0.012	404659	823059	*	03/07/86	33
	7440-47-3	CYCLOPS CORP.	BRIDGEVILLE	PA	SPECIALTY STEEL	24	2.41E-03	2.90E-05	0.0036	0.012	402059	800659	*	03/07/86	33
	7440-47-3	DAVENPORT CEMENT	BUFFALO(DAVENPO	IA	CEMENT PLANTS	0	1.02E-05	1.23E-07	<0.0001	0.012	412744	904149	*	03/13/86	32
	7440-47-3	DIAMOND SHAMROCK	CASTLE HAYNE	NC	PRODUCTION	7134	1.48E-01	1.78E-03	0.068	0.012	342200	775130	*	05/05/86	28
	7440-47-3	DIXON-MARQUET	DIXON	IL	CEMENT PLANTS	0	2.74E-04	3.28E-06	0.0001	0.012	415135	892739	*	03/13/86	32
	7440-47-3	DUNDEE CMT.CO.	CLARKSVILLE	MO	CEMENT PLANTS	0	1.57E-06	1.89E-08	<0.0001	0.012	392210	910114	*	03/13/86	32
	7440-47-3	EASTERN	BALTIMORE	MD	SPECIALTY STEEL	282	4.65E-02	5.57E-04	0.055	0.012	391743	763050		03/07/86	33
	7440-47-3	ELECTROLLOY	OIL CITY	PA	SPECIALTY STEEL	29	2.08E-03	2.49E-05	0.0003	0.012	412549	794659	*	03/07/86	33
	7440-47-3	FL.MININGMATERIALS		FL	CEMENT PLANTS	0	1.31E-05	1.57E-07	<0.0001	0.012	283859	822822	*	03/13/86	32
	7440-47-3	FLINTKOTE CO.	REDDING	CA	CEMENT PLANTS	0	2.61E-05	3.13E-07	<0.0001	0.012	404408	1221916	*	03/13/86	32
	7440-47-3	FORD MOTOR CO.	DEARBORN	MI	BOFF'S	1	1.78E-05	2.14E-07	0.0002	0.012	421800	830906	*	03/07/86	33
	7440-47-3	GENERAL PORT. CMT	MIAMI	FL	CEMENT PLANTS	0	9.18E-07	1.10E-08	0.0001	0.012	254232	802904	*	03/13/86	32
	7440-47-3	GENERAL PORT.INC.	TAMPA	FL	CEMENT PLANTS	0	8.04E-07	9.64E-09	<0.0001	0.012	275607	822637	*	03/13/86	32
	7440-47-3	GENERAL PORT.CEM.	FREDONIA	KS	CEMENT PLANTS	0	1.34E-06	1.61E-08	<0.0001	0.012	372825	955319	*	03/13/86	32
	7440-47-3	GENERAL PORT.INC.	LEBEC	CA	CEMENT PLANTS	0	1.04E-06	1.24E-08	<0.0001	0.012	345000	1185131	*	03/13/86	32
	7440-47-3	GENERAL PORT.INC.	PAULDING	OH	CEMENT PLANTS	0	1.21E-04	1.45E-06	<0.0001	0.012	411046	843625	*	03/13/86	32
	7440-47-3	GENERAL PORT.INC.	DALLAS	TX	CEMENT PLANTS	0	9.11E-05	1.09E-06	0.0001	0.012	324512	965220	*	03/13/86	32
	7440-47-3	GENERAL PORTLAND	DEMOPOLIS	AL	CEMENT PLANTS	0	1.23E-06	1.48E-08	<0.0001	0.012	322703	874847	*	03/13/86	32
	7440-47-3	GENERAL PORTLAND	WHITEHALL	PA	CEMENT PLANTS	0	7.49E-06	8.99E-08	<0.0001	0.012	404113	753022	*	03/13/86	32
	7440-47-3	GENERAL PORTLAND	FT.WORTH	TX	CEMENT PLANTS	0	5.26E-04	6.32E-06	0.0001	0.012	324907	972211	*	03/13/86	32
	7440-47-3	GENERAL REFRA	LEHI	UT	REFRACTORIES	5	6.73E-06	8.07E-08	0.0001	0.012	401305	1114500	*	03/07/86	32
	7440-47-3	GENSTART	SANAMDREAS	CA	CEMENT PLANTS	0	8.08E-05	9.69E-07	<0.0001	0.012	381005	1204015	*	03/13/86	32
	7440-47-3	GIANT PORT. CMT	HARLEYVILLE	SC	CEMENT PLANTS	0	8.18E-06	9.81E-08	<0.0001	0.012	331434	802602	*	03/13/86	32
	7440-47-3	GIFFORD-HILL PORT.CO	MIDLOTHIAN	TX	CEMENT PLANTS	0	5.29E-06	6.35E-08	0.0001	0.012	323119	970028	*	03/13/86	32
	7440-47-3	GIFFORD-HILLAND CO.	HARLEYVILLE	SC	CEMENT PLANTS	0	1.34E-06	1.61E-08	<0.0001	0.012	331434	802602	*	03/13/86	32
	7440-47-3	GLENS FALLS	GLENFALLS	NY	CEMENT PLANTS	0	9.00E-06	1.08E-07	<0.0001	0.012	431639	733153	*	03/13/86	32
	7440-47-3	GULFCOAST PORT.	HOUSTON	TX	CEMENT PLANTS	0	5.32E-06	6.38E-08	<0.0001	0.012	294505	951820	*	03/13/86	32
	7440-47-3	HARB/WALK	BALTIMORE	MD	REFRACTORIES	109	3.61E-04	4.33E-06	0.0095	0.012	391316	763516	*	03/07/86	32
	7440-47-3	IDAHO PORT. CMT	DIXON	ID	CEMENT PLANTS	0	4.98E-04	5.98E-06	<0.0001	0.012	424746	1121515	*	03/13/86	32
	7440-47-3	IDEAL CMT.CO.	OKAY	AR	CEMENT PLANTS	0	1.65E-05	1.97E-07	<0.0001	0.012	334609	935530	*	03/13/86	32
	7440-47-3	IDEAL CMT.CO.	LAPORTE	CO	CEMENT PLANTS	0	3.02E-05	3.62E-07	<0.0001	0.012	403930	1050800	*	03/13/86	32
	7440-47-3	IDEAL CMT.CO.	SUPERIOR	NE	CEMENT PLANTS	0	1.04E-05	1.24E-07	<0.0001	0.012	395745	980459	*	03/13/86	32
	7440-47-3	IDEAL CMT.CO.	TIJERAS	NM	CEMENT PLANTS	0	2.63E-05	3.16E-07	<0.0001	0.012	350427	1062309	*	03/13/86	32
	7440-47-3	IDEAL CMT.CO.	ADA	OK	CEMENT PLANTS	0	9.56E-06	1.15E-07	<0.0001	0.012	344621	964134	*	03/13/86	32
	7440-47-3	IDEAL CMT.CO.	MORGAN	UT	CEMENT PLANTS	0	5.25E-06	6.30E-08	0.0001	0.012	410342	1113149	*	03/13/86	32
	7440-47-3	IDEALBASICIND.	FLORENCE	CO	CEMENT PLANTS	0	1.27E-06	1.52E-08	<0.0001	0.012	382313	1050100	*	03/13/86	32
	7440-47-3	IDEALBASICIND.	TRIDENT	MT	CEMENT PLANTS	0	4.80E-07	5.76E-09	<0.0001	0.012	455645	1112828	*	03/13/86	32
	7440-47-3	IDEALBASICIND.	SEATTLE	WA	CEMENT PLANTS	0	1.86E-05	2.24E-07	0.0001	0.012	473309	1222030	*	03/13/86	32
	7440-47-3	ILLINOIS CMT.CO.	LASALLE	IL	CEMENT PLANTS	0	1.62E-05	2.18E-07	<0.0001	0.012	411947	890444	*	03/13/86	32

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CHROMIUM	7440-47-3	INLAND STEEL E.	CHICAGO	IN	BOFF'S	2	3.22E-05	3.86E-07	0.0001	0.012	413936	872638	*	03/07/86	33
	7440-47-3	INTERLAKE INC.	BURNS HARBOR	IL	BOFF'S	0	6.43E-06	7.72E-08	0.0001	0.012	414154	873251	*	03/07/86	33
	7440-47-3	JESSOP	WASHINGTON	PA	SPECIALTY STEEL	37	6.79E-03	8.14E-05	0.0044	0.012	401037	801601	*	03/07/86	33
	7440-47-3	JORGENSEN	SEATTLE	WA	SPECIALTY STEEL	5	1.37E-03	1.65E-05	0.0002	0.012	471159	1220159	*	03/07/86	33
	7440-47-3	KAISER CMT.	LOCCERAVALLEY	CA	CEMENT PLANTS	0	3.60E-05	4.33E-07	<0.0001	0.012	342535	1165623	*	03/13/86	32
	7440-47-3	KAISER CMT.	SAN ANTONIO	TX	CEMENT PLANTS	0	2.09E-04	2.51E-06	0.0002	0.012	293253	982345	*	03/13/86	32
	7440-47-3	KAISERCMT.&GYPCORP.	HANAKULI	HI	CEMENT PLANTS	0	2.22E-07	2.66E-09	<0.0001	0.012	212444	1582624	*	03/13/86	32
	7440-47-3	KAISERCMT.CORP.	MONTANA CITY	MT	CEMENT PLANTS	0	1.50E-07	1.80E-09	<0.0001	0.012	463230	1115532	*	03/13/86	32
	7440-47-3	KOSMOS CMT.CO.	LOUISVILLE	KY	CEMENT PLANTS	0	1.91E-06	2.29E-08	<0.0001	0.012	380205	855429	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	BUFFINGTON	IN	CEMENT PLANTS	0	7.79E-06	9.35E-08	<0.0001	0.012	413655	872135	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	MITCHELL	IN	CEMENT PLANTS	0	1.00E-05	1.21E-07	<0.0001	0.012	384407	862728	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	MASONCITY	IA	CEMENT PLANTS	0	1.42E-04	1.71E-06	<0.0001	0.012	431042	931240	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	INDEPENDENCE	KS	CEMENT PLANTS	0	8.38E-05	1.01E-06	<0.0001	0.012	371034	951412	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	UNIONBRIDGE	MD	CEMENT PLANTS	0	5.69E-05	6.83E-07	0.0001	0.012	393357	771056	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	CEMENTON	NY	CEMENT PLANTS	0	1.07E-05	1.28E-07	0.0001	0.012	420825	735447	*	03/13/86	32
	7440-47-3	LEHIGH PORT. CMT	METALINEFALLS	WA	CEMENT PLANTS	0	1.06E-04	1.28E-06	<0.0001	0.012	485130	1172209	*	03/13/86	32
	7440-47-3	LEHIGH PORTLAND	LEEDS	AL	CEMENT PLANTS	0	2.73E-05	3.28E-07	0.0001	0.012	333234	863235	*	03/13/86	32
	7440-47-3	LEHIGH PORTLAND CMT	WACO	TX	CEMENT PLANTS	0	2.45E-04	2.94E-06	0.0001	0.012	312929	971442	*	03/13/86	32
	7440-47-3	LONESTAR	CAPEGIRARDEAU	MO	CEMENT PLANTS	0	2.71E-05	3.25E-07	<0.0001	0.012	372031	893230	*	03/13/86	32
	7440-47-3	LONESTAR	PITTSBURGH	PA	CEMENT PLANTS	0	6.00E-06	7.20E-08	<0.0001	0.012	402936	800437	*	03/13/86	32
	7440-47-3	LONESTAR	SALTLAKECITY	UT	CEMENT PLANTS	0	9.84E-06	1.18E-07	<0.0001	0.012	404508	1115429	*	03/13/86	32
	7440-47-3	LONESTAR CMT.	OGLESBY	IL	CEMENT PLANTS	0	5.40E-06	6.48E-08	<0.0001	0.012	411716	890256	*	03/13/86	32
	7440-47-3	LONESTAR CMT.	NEWORLEANS	LA	CEMENT PLANTS	0	2.53E-05	3.04E-07	0.0001	0.012	295834	900138	*	03/13/86	32
	7440-47-3	LONESTAR CMT.CO.	PRYOR	OK	CEMENT PLANTS	0	5.51E-05	6.61E-07	<0.0001	0.012	361604	951325	*	03/13/86	32
	7440-47-3	LONESTAR HAWAIIAN CM	EWA	HI	CEMENT PLANTS	0	1.63E-05	1.95E-07	<0.0001	0.012	211815	1580639	*	03/13/86	32
	7440-47-3	LONESTAR INDUST.	HAGERSTOWN	MD	CEMENT PLANTS	0	2.59E-05	3.10E-07	<0.0001	0.012	393909	774053	*	03/13/86	32
	7440-47-3	LONESTARIND.	BONNERSPRINGS	KS	CEMENT PLANTS	0	2.07E-05	2.49E-07	0.0001	0.012	390357	945146	*	03/13/86	32
	7440-47-3	LONESTARIND.	NAZARETH	PA	CEMENT PLANTS	0	2.25E-05	2.69E-07	0.0001	0.012	404414	751848	*	03/13/86	32
	7440-47-3	LONESTARIND. CMT.	DAVENPORT	CA	CEMENT PLANTS	0	4.28E-06	5.14E-08	0.0001	0.012	370104	1221149	*	03/13/86	32
	7440-47-3	LONESTARIND.INC.	SWEETWATER	TX	CEMENT PLANTS	0	3.14E-06	3.77E-08	<0.0001	0.012	321506	1002729	*	03/13/86	32
	7440-47-3	LOUISVILLE CMT.	LOGANSPORT	IN	CEMENT PLANTS	0	2.23E-05	2.67E-07	<0.0001	0.012	404507	862123	*	03/13/86	32
	7440-47-3	LOUISVILLE CMT.	SPEED	IN	CEMENT PLANTS	0	4.12E-05	4.95E-07	0.0001	0.012	382449	854504	*	03/13/86	32
	7440-47-3	LTV	WARREN	OH	BOFF'S	0	3.03E-07	3.64E-09	<0.0001	0.012	411241	804902	*	03/07/86	33
	7440-47-3	LTV	CLEVELAND	OH	BOFF'S	0	2.12E-07	2.54E-09	<0.0001	0.012	412826	814030	*	03/07/86	33
	7440-47-3	LTV	CLEVELAND	OH	BOFF'S	0	1.16E-07	1.39E-09	<0.0001	0.012	412806	814027	*	03/07/86	33
	7440-47-3	LTV STEEL	CANTON	OH	SPECIALTY STEEL	408	1.16E-02	1.39E-04	0.023	0.012	404811	812009	*	03/07/86	33
	7440-47-3	MACALLOY CORP.	CHARLESTON	SC	FERROCR. PROD.	670	1.39E-01	1.67E-03	0.064	0.012	325011	795654		03/07/86	33
	7440-47-3	MAGNETO/METREL	ADDISON	IL	REFRACTORIES	0	2.56E-05	3.05E-07	<0.0001	0.012	405432	880008	*	03/07/86	32
	7440-47-3	MEDUSA CMT.CO.	CLINCHFIELD	GA	CEMENT PLANTS	0	2.36E-05	2.81E-07	<0.0001	0.012	322453	833812	*	03/13/86	32
	7440-47-3	MEDUSA CMT.CO.	CHARLEVOIX	MI	CEMENT PLANTS	0	8.09E-06	9.71E-08	<0.0001	0.012	451847	851752	*	03/13/86	32
	7440-47-3	MEDUSA CMT.CO.	KEMPTON	PA	CEMENT PLANTS	0	3.29E-04	3.94E-06	0.0002	0.012	405241	801928	*	03/13/86	32
	7440-47-3	MEDUSA CMT.CO.	MANITOWOC	WI	CEMENT PLANTS	0	1.86E-06	2.23E-08	<0.0001	0.012	440342	874008	*	03/13/86	32
	7440-47-3	MISSOURI PORT. CMT	JOPPA	IL	CEMENT PLANTS	0	9.43E-06	1.13E-07	<0.0001	0.012	371259	885250	*	03/13/86	32
	7440-47-3	MISSOURI PORT. CMT	SUGARCREEK	MO	CEMENT PLANTS	0	7.01E-06	8.42E-08	<0.0001	0.012	390829	942501	*	03/13/86	32
	7440-47-3	MONARCH	DESMOINES	IA	CEMENT PLANTS	0	2.18E-05	2.61E-07	<0.0001	0.012	413309	934108	*	03/13/86	32
	7440-47-3	MONARCH CMT.CO.	HUMBOLDT	KS	CEMENT PLANTS	0	1.37E-06	1.64E-08	<0.0001	0.012	374627	953039	*	03/13/86	32
	7440-47-3	MONOLITH PORT.CMT.	MONOLITH	CA	CEMENT PLANTS	0	3.54E-07	4.25E-09	<0.0001	0.012	350720	1182213	*	03/13/86	32
	7440-47-3	MONOLITH PORT.MIDWST	LARAMIE	WY	CEMENT PLANTS	0	1.09E-05	1.30E-07	<0.0001	0.012	411652	1053631	*	03/13/86	32
	7440-47-3	N'WESTSTATE PORT. CM	MASONCITY	IA	CEMENT PLANTS	0	8.15E-06	9.78E-08	<0.0001	0.012	431026	931214	*	03/13/86	32
	7440-47-3	N.AMERICAN	WOMELSDORF	PA	REFRACTORIES	69	1.17E-03	1.41E-05	0.0026	0.012	402107	761151	*	03/07/86	32
	7440-47-3	NATIONAL	COLUMBIA	OH	REFRACTORIES	61	1.49E-03	1.79E-05	0.0022	0.012	405230	804229	*	03/07/86	32
	7440-47-3	NATIONAL	MOSS LANDING	CA	REFRACTORIES	25	1.34E-03	1.61E-05	0.0006	0.012	364806	1214704	*	03/07/86	32
	7440-47-3	NATIONAL	ECORSE	MI	BOFF'S	2	3.72E-05	4.46E-07	0.0001	0.012	421711	890623	*	03/07/86	33
	7440-47-3	NATIONAL GYPSUM	ALPENA	MI	CEMENT PLANTS	0	1.94E-06	2.33E-08	<0.0001	0.012	450456	891944	*	03/13/86	32
	7440-47-3	NATIONAL STEEL	WEIRTON	WV	BOFF'S	2	2.57E-05	3.08E-07	0.0001	0.012	402359	803507	*	03/07/86	33

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CHROMIUM	7440-47-3	NATIONAL STEEL	GRANITE CITY	IL	BOFF'S	1	1.19E-05	1.43E-07	0.0001	0.012	384228	900759	*	03/07/86	33
	7440-47-3	NATIONALCMT.CO.INC.	RAGLAND	AL	CEMENT PLANTS	0	6.08E-05	7.30E-07	<0.0001	0.012	334406	860931	*	03/13/86	32
	7440-47-3	NATIONALGYPSUM CO.	EVANSVILLE	PA	CEMENT PLANTS	0	1.53E-05	1.83E-07	<0.0001	0.012	402822	755350	*	03/13/86	32
	7440-47-3	NATIONALGYPSUM CO.	SUPERIOR	WI	CEMENT PLANTS	0	3.65E-05	4.38E-07	<0.0001	0.012	464354	920423	*	03/13/86	32
	7440-47-3	NEVADA CMT.CO.	FERNLEY	NV	CEMENT PLANTS	0	2.14E-06	2.57E-08	<0.0001	0.012	393631	1191512	*	03/13/86	32
	7440-47-3	OHIO FIREBRIK	JACKSON	OH	REFRACTORIES	6	7.80E-04	9.36E-06	0.0001	0.012	390346	824051	*	03/07/86	32
	7440-47-3	OREGON PORT. CMT	LAKE OSWEGO	OR	CEMENT PLANTS	0	1.30E-05	1.56E-07	<0.0001	0.012	452502	1223930	*	03/13/86	32
	7440-47-3	OREGON PORTLAND	SEATTLE	WA	CEMENT PLANTS	0	2.78E-05	3.34E-07	0.0002	0.012	473607	1222029	*	03/13/86	32
	7440-47-3	PEERLESS CMT.CO.	DETROIT	MI	CEMENT PLANTS	0	1.96E-06	2.36E-08	0.0001	0.012	421656	830803	*	03/13/86	32
	7440-47-3	PENN-DIXIE CMT.	NEWESCAVE	NY	CEMENT PLANTS	0	8.00E-06	9.59E-08	<0.0001	0.012	424120	742317	*	03/13/86	32
	7440-47-3	PHOENIX CMT.CO.	CLARKDALE	AZ	CEMENT PLANTS	0	1.51E-04	1.81E-06	<0.0001	0.012	344654	1120323	*	03/13/86	32
	7440-47-3	QUIGLEY CO	OLD BRIDGE	NJ	REFRACTORIES	0	4.46E-06	5.35E-08	<0.0001	0.012	402529	742129	*	03/07/86	32
	7440-47-3	RINKER	DADECOUNTY	FL	CEMENT PLANTS	0	4.11E-05	4.94E-07	<0.0001	0.012	254648	802509	*	03/13/86	32
	7440-47-3	RIVER	ORANGE	TX	CEMENT PLANTS	0	6.67E-06	8.01E-08	<0.0001	0.012	300858	934313	*	03/13/86	32
	7440-47-3	S'WESTERN CMT.	BOULDERCOUNTY	CO	CEMENT PLANTS	0	3.37E-05	4.04E-07	<0.0001	0.012	401208	1051409	*	03/13/86	32
	7440-47-3	S'WESTERN. CMT.	AMARILLO	TX	CEMENT PLANTS	0	5.83E-06	6.99E-08	<0.0001	0.012	351213	1020440	*	03/13/86	32
	7440-47-3	S'WESTERN. CMT.	VICTORVILLE	CA	CEMENT PLANTS	0	5.72E-05	6.86E-07	<0.0001	0.012	343657	1170703	*	03/13/86	32
	7440-47-3	S'WESTERN. CMT.	FAIRBORN	OH	CEMENT PLANTS	0	3.62E-05	4.35E-07	0.0001	0.012	394912	840056	*	03/13/86	32
	7440-47-3	S'WESTERN. CMT.	ELPASO	TX	CEMENT PLANTS	0	4.85E-05	5.82E-07	0.0001	0.012	314727	1063129	*	03/13/86	32
	7440-47-3	S'WESTERN. CMT.	ODESSA	TX	CEMENT PLANTS	0	1.51E-06	1.81E-08	<0.0001	0.012	314444	1023243	*	03/13/86	32
	7440-47-3	SANTEE PORT. CMT	HOLLYHILL	SC	CEMENT PLANTS	0	1.32E-04	1.58E-06	<0.0001	0.012	331906	802748	*	03/13/86	32
	7440-47-3	SHARON STEEL	FARRELL	PA	BOFF'S	1	1.11E-05	1.34E-07	<0.0001	0.012	411244	803034	*	03/07/86	33
	7440-47-3	SIGNALMOUNTAIN CMT.	CHATTANOOGA	TN	CEMENT PLANTS	0	4.51E-05	5.41E-07	0.0001	0.012	350602	852027	*	03/13/86	32
	7440-47-3	SKW ALLOYS	NIAGRA FALLS	NY	FERROCR. PROD.	40	1.22E-04	1.46E-06	0.0002	0.012	430713	730238		03/07/86	33
	7440-47-3	SLATER	FORT WAYNE	ID	SPECIALTY STEEL	28	1.22E-03	1.47E-05	0.0023	0.012	410411	851016	*	03/07/86	33
	7440-47-3	SMC	BESSEMER	PA	CEMENT PLANTS	0	2.79E-05	3.34E-07	0.0001	0.012	405824	802923	*	03/13/86	32
	7440-47-3	SMC	TOLEDO	OH	CEMENT PLANTS	0	3.83E-05	4.60E-07	<0.0001	0.012	414105	834451	*	03/13/86	32
	7440-47-3	SOUTHDAKOTA CMT.	RAPIDCITY	SD	CEMENT PLANTS	0	6.47E-05	7.76E-07	0.0001	0.012	440516	1031333	*	03/13/86	32
	7440-47-3	ST MARYS CEMENT CO.	WYANDOTTE	MI	CEMENT PLANTS	0	8.22E-07	9.87E-09	<0.0001	0.012	421256	830847	*	03/13/86	32
	7440-47-3	ST. MARYS	MILWAUKEE	WI	CEMENT PLANTS	0	1.30E-05	1.56E-07	0.0001	0.012	430145	875513	*	03/13/86	32
	7440-47-3	STANDARD STEEL	BURNHAM	PA	SPECIALTY STEEL	34	4.30E-03	5.16E-05	0.0008	0.012	403923	773355	*	03/07/86	33
	7440-47-3	TEXIND.	MIDLOTHIAM	TX	CEMENT PLANTS	0	2.14E-04	2.56E-06	0.0001	0.012	322830	970020	*	03/13/86	32
	7440-47-3	UNITED CMT.CO.	ARTESIA	MS	CEMENT PLANTS	0	3.64E-07	4.37E-09	<0.0001	0.012	332157	883800	*	03/13/86	32
	7440-47-3	US STEEL	LORAIN	OH	BOFF'S	2	5.06E-05	6.10E-07	0.0001	0.012	412559	820759	*	03/07/86	33
	7440-47-3	US STEEL	BRADDOCK	PA	BOFF'S	1	1.16E-05	1.39E-07	0.0001	0.012	401809	795233	*	03/07/86	33
	7440-47-3	US STEEL	GARY	IN	BOFF'S	2	2.90E-05	3.47E-07	0.0001	0.012	413459	871659	*	03/07/86	33
	7440-47-3	WASHINGTON	BOUSTON	PA	SPECIALTY STEEL	161	2.01E-02	2.41E-04	0.017	0.012	401500	801159		03/07/86	33
	7440-47-3	WELLSVILLE	WELLSVILLE	MO	REFRACTORIES	0	4.93E-06	5.91E-08	<0.0001	0.012	390459	913459	*	03/07/86	32
	7440-47-3	WHEELING-PITTSBURG	MONESSEN	PA	BOFF'S	1	1.53E-05	1.84E-07	<0.0001	0.012	400859	795259	*	03/07/86	33
	7440-47-3	WHEELING-PITTSBURG	STEUBENVILLE	OH	BOFF'S	0	2.27E-06	2.73E-08	<0.0001	0.012	411854	803614	*	03/07/86	33
COPPER	7440-50-8	AMAX	SAUGET	IL	PRIMARY ZINC SMELTERS	65000	0.76				383607	901016	*	01/06/87	3333
	7440-50-8	AMAX	BASS	MO	PRIMARY LEAD SMELTERS	14000	0.053				373831	911135	*	01/06/87	3332
	7440-50-8	ANACONDA MIN. RES.	SILVER BOW CO.	MT	COPPER ORE PROCESSING	33000	0.61				460100	1122800	*	01/06/87	33
	7440-50-8	ASARCO	CORPUS CHRISTI	TX	PRIMARY ZINC SMELTERS	39000	0.22				274800	972346	*	01/06/87	3333
	7440-50-8	ASARCO	EAST HELENA	MT	PRIMARY LEAD SMELTERS	7980	0.0044				463452	1115512	*	01/06/87	3332
	7440-50-8	ASARCO	EL PASO	TX	PRIMARY LEAD SMELTERS	8000	0.0029				314706	1063725	*	01/06/87	3332
	7440-50-8	ASARCO	GLOVER	MO	PRIMARY LEAD SMELTERS	11000	0.024				362946	904128	*	01/06/87	3332
	7440-50-8	COPPER RANGE	WHITE PINE	MI	PRIMARY COPPER SMELTERS	1001000	4.4				464606	8933188	*	01/06/87	3331
	7440-50-8	DUVAL	SAHAURITA	AZ	COPPER ORE PROCESSING	45000	0.18				315700	1105800	*	01/06/87	33
	7440-50-8	EVELETH MINES	EVELETH	MN	IRON ORE PROCESSING	8400	0.16				472800	923200	*	01/06/87	33
	7440-50-8	INLAND STEEL	EAST CHICAGO	IN	IRON AND STEEL PRODUCTION	16710	0.16				413937	872639	*	01/06/87	332
	7440-50-8	JERSEY MINIERE ZINC	CLARKSVILLE	TN	PRIMARY ZINC SMELTERS	71000	0.51				363054	872414	*	01/06/87	3333
	7440-50-8	KENNECOTT	MCGILL	NV	PRIMARY COPPER SMELTER	461000	6.0				392433	1144612	*	01/06/87	3331
	7440-50-8	KENNECOTT	GARFIELD	UT	PRIMARY COPPER SMELTERS	460000	0.18				404315	1121153	*	01/06/87	3331
	7440-50-8	MAGMA	SAN MANUEL	AZ	PRIMARY COPPER SMELTERS	1799900	7.5				323657	1103722	*	01/06/87	3331

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
COPPER	7440-50-8	MINGO	SAN MANUAL	AZ	COPPER ORE PROCESSING	38000	0.78				323600	1103800	*	01/06/87	33
	7440-50-8	NATIONAL STEEL	ESCORSE	MI	IRON AND STEEL PRODUCTION	14620	0.22				421712	890624	*	01/06/87	332
	7440-50-8	NATIONAL ZINC	BARTLESVILLE	OK	PRIMARY ZINC SMELTERS	64000	3.0				364424	955859	*	01/06/87	3333
	7440-50-8	PHELPS DODGE	AJO	AZ	PRIMARY COPPER SMELTERS	640000	30.0				322200	1125118	*	01/06/87	3331
	7440-50-8	RESERVE MINING	SILVER BAY	MN	IRON ORE PROCESSING	14500	0.27				471700	911600	*	01/06/87	33
	7440-50-8	ST. JOE	MONACA	PA	PRIMARY ZINC SMELTERS	58906	0.45				404012	802010	*	01/06/87	3333
	7440-50-8	ST. JOE	HERCULANEUM	MO	PRIMARY LEAD SMELTERS	24000	0.011				381547	902259	*	01/06/87	3332
	7440-50-8	U.S. METALS REFINING	CARTERET	NJ	SECONDARY COPPER SMELTERS	57600	21.0				403800	741300	*	01/06/87	33
	7440-50-8	U.S. STEEL CO.	MT. IRON	MN	IRON ORE PROCESSING	6200	0.12				473200	923700	*	01/06/87	33
	7440-50-8	WHITE PINE	WHITE PINE	MN	COPPER ORE PROCESSING	36000	0.86				464400	893500	*	01/06/87	33
ETHYLENE DICHLORIDE	107-06-2	B. F. Goodrich	Calvert City	KY	PRODUCTION BASELINE	387200	8.66E+01	2.25E-03	0.014	0.000026	370249	881919	*	04/21/86	28
	107-06-2	B. F. Goodrich	LaPorte	TX	PRODUCTION BASELINE	129400	3.95E+00	1.03E-06	0.061	0.000026	294559	950459	*	04/21/86	28
	107-06-2	BEECHAM	PISCATAWAY	NJ	PHARMACEUTICAL	2006	5.86E-01	1.52E-05	0.0026	0.000026	403321	742900		07/16/86	283
	107-06-2	Borden	Geismar	LA	PRODUCTION BASELINE	312806	1.32E+02	3.43E-03	0.032	0.000026	301219	910107	*	04/21/86	28
	107-06-2	DOW Chemical	Freeport	TX	PRODUCTION BASELINE	47045	1.52E+01	3.96E-04	0.0016	0.000026	285738	951923	*	04/21/86	28
	107-06-2	DOW Chemical	Oyster Creek	TX	PRODUCTION BASELINE	209500	3.54E+01	9.21E-04	0.013	0.000026	285759	952059	*	04/21/86	28
	107-06-2	DOW I	Plaquemine	LA	PRODUCTION BASELINE	350560	7.08E+01	1.84E-03	0.036	0.000026	301945	911420	*	04/21/86	28
	107-06-2	DOW II	Plaquemine	LA	PRODUCTION BASELINE	102100	2.95E+01	7.68E-04	0.011	0.000026	301945	911420	*	04/21/86	28
	107-06-2	Diamond Shamrock	Convent	LA	PRODUCTION BASELINE	127645	4.00E+01	1.04E-03	0.012	0.000026	300343	904954	*	04/21/86	28
	107-06-2	Diamond Shamrock	Pasadena	TX	PRODUCTION BASELINE	323900	2.18E+02	5.66E-03	0.21	0.000026	294259	950659	*	04/21/86	28
	107-06-2	Dow/Ethylene Amines	Freeport	TX	EDC OCP BASELINE	5330	7.77E-01	2.02E-05	0.0002	0.000026	285707	951847	*	11/06/87	28
	107-06-2	Formosa	Baton Rouge	LA	PRODUCTION BASELINE	699000	4.42E+02	1.15E-02	0.22	0.000026	303000	911059	*	04/21/86	28
	107-06-2	Formosa	Point Comfort	TX	PRODUCTION BASELINE	208600	6.15E+01	1.60E-03	0.0054	0.000026	284103	963211	*	04/21/86	28
	107-06-2	Georgia-Gulf	Plaquemine	LA	PRODUCTION BASELINE	196800	1.74E+00	4.51E-05	0.021	0.000026	301629	911029	*	04/21/86	28
	107-06-2	MERCK	RAHWAY	NJ	PHARMACEUTICAL	136	3.69E-02	9.60E-07	0.0003	0.000026	403640	741543		07/16/86	283
	107-06-2	Olin	Lake Charles	LA	PRODUCTION BASELINE	80055	1.91E+01	4.97E-04	0.0092	0.000026	301359	931559	*	04/21/86	28
	107-06-2	PPG	Lake Charles	LA	PRODUCTION BASELINE	94000	2.80E+01	7.28E-04	0.0091	0.000026	301326	931653	*	04/21/86	28
	107-06-2	Rhone-Poulenc	Mt. Pleasant	TN	PESTICIDES	190000	1.56E+02	4.06E-03	0.011	0.000026	353211	871223	*	08/05/86	28
	107-06-2	Shell	Deer Park	TX	PRODUCTION BASELINE	117100	5.17E+01	1.34E-03	0.078	0.000026	294303	950752	*	04/21/86	28
	107-06-2	USI	PortArthur	TX	PRODUCTION BASELINE	27945	1.87E+00	4.85E-05	0.0027	0.000026	295155	935948	*	04/21/86	28
	107-06-2	Union Carbide/EA	Taft	LA	EDC OCP BASELINE	20000	1.76E+01	4.59E-04	0.0042	0.000026	295927	902650	*	11/06/87	28
	107-06-2	Vista	Westlake	LA	PRODUCTION BASELINE	161043	3.09E+01	8.03E-04	0.015	0.000026	301503	931659	*	04/21/86	28
	107-06-2	Vulcan	Geismar	LA	PRODUCTION BASELINE	77100	2.63E+01	6.85E-04	0.0086	0.000026	301129	905826	*	04/21/86	28
ETHYLENE OXIDE	75-21-8	BASF Wyandotte	Geismar	LA	PRODUCTION BASELINE	131400	1.58E+02	1.58E-02	0.050	0.0001	301145	905942		10/06/86	28
	75-21-8	Celanese Chemical	Clear Lake	TX	PRODUCTION BASELINE	57203	7.58E-01	7.58E-05	0.10	0.0001	293748	950353		10/06/86	28
	75-21-8	Dow Chemical	Plaquemine	LA	PRODUCTION BASELINE	28400	2.36E+01	2.36E-03	0.021	0.0001	301700	911416	*	10/06/86	28
	75-21-8	ICI Americas	Bayport	TX	PRODUCTION BASELINE	128390	2.08E+02	2.08E-02	0.22	0.0001	293744	950304		10/06/86	28
	75-21-8	Morchem	Morris	IL	PRODUCTION BASELINE	70400	2.75E-01	2.75E-05	0.023	0.0001	412407	881718	*	10/06/86	28
	75-21-8	Olin	Brandenburg	KY	PRODUCTION BASELINE	107650	9.94E-01	9.94E-05	0.086	0.0001	380000	860718		10/06/86	28
	75-21-8	PD Glycol	Beaumont	TX	PRODUCTION BASELINE	28200	3.48E+01	3.48E-03	0.012	0.0001	300326	940233		10/06/86	28
	75-21-8	Shell	Geismar	LA	PRODUCTION BASELINE	219280	2.63E+02	2.63E-02	0.085	0.0001	301302	910159	*	10/06/86	28
	75-21-8	SunOlin	Claymont	DE	PRODUCTION BASELINE	159700	6.97E+00	6.97E-04	0.41	0.0001	394828	752604		10/06/86	28
	75-21-8	Texaco	Port Neches	TX	PRODUCTION BASELINE	180922	2.22E+02	2.22E-02	0.11	0.0001	295814	935355		10/06/86	28
	75-21-8	Texas Eastman	Longview	TX	PRODUCTION BASELINE	69910	1.14E+02	1.14E-02	0.028	0.0001	322629	944121		10/06/86	28
	75-21-8	Union Carbide	Seadrift	TX	PRODUCTION BASELINE	61190	1.71E-01	1.71E-05	0.0036	0.0001	283030	964615		10/06/86	28
	75-21-8	Union Carbide	Taft	LA	PRODUCTION BASELINE	89190	1.12E+02	1.12E-02	0.065	0.0001	295917	902715		10/06/86	28
METHYLENE CHLORIDE	75-09-2	ABBOTT LABS (AP)	NORTH CHICAGO	IL	PHARMACEUTICAL	17502	2.69E+00	1.19E-05	0.0019	0.0000041	421802	875313		07/16/86	283
	75-09-2	ABBOTT LABS (CHC)	NORTH CHICAGO	IL	PHARMACEUTICAL	8862	9.04E+00	3.71E-05	0.0011	0.0000041	421959	875011		07/16/86	283
	75-09-2	ABBOTT LABS (FHC)	NORTH CHICAGO	IL	PHARMACEUTICAL	124560	2.42E+01	9.94E-05	0.0099	0.0000041	421959	875011		07/16/86	283
	75-09-2	B.F. GOODRICH	AVON LAKE	OH	CHLOR BC USE	192332	2.66E+02	1.09E-03	0.0049	0.0000041	412924	820312		11/06/87	28
	75-09-2	BARR LABS	NORTHVALE	NJ	PHARMACEUTICAL	13210	5.34E+00	2.19E-05	0.0025	0.0000041	410529	741529		07/16/86	283
	75-09-2	BEECHAM LABS	PISCATAWAY	NJ	PHARMACEUTICAL	97853	1.58E+02	6.48E-04	0.022	0.0000041	403321	742900		07/16/86	283
	75-09-2	BFG/Rubber Accelerat	Cleveland	OH	MC OCP BASELINE	0	7.27E+00	2.98E-05	0.0058	0.0000041	410242	813231		11/06/87	28
	75-09-2	BORDEN CHEMICAL	FREMONT	CA	CHLOR BC USE	2510	3.09E-01	1.27E-06	0.0002	0.0000041	373039	1215917	*	11/06/87	28
	75-09-2	BRISTOL-MEYERS	SYRACUSE	NY	PHARMACEUTICAL	156249	5.81E+01	2.38E-04	0.013	0.0000041	430329	760519		07/16/86	283

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
METHYLENE CHLORIDE	75-09-2	BUCKMAN LABORATORIES	MEMPHIS	TN	PESTICIDES	24677	2.40E+01	9.84E-05	0.0036	0.0000041	351019	895943	*	08/05/86	28
	75-09-2	BUCKMAN LABORATORIES	CADET	MO	PESTICIDES	482	4.30E-01	1.76E-06	<0.0001	0.0000041	375459	903559	*	08/05/86	28
	75-09-2	BURROUGHS WELLCOME	GREENVILLE	NC	PHARMACEUTICAL	156627	2.96E+02	1.21E-03	0.0042	0.0000041	353938	772132		07/16/86	283
	75-09-2	Borden Chemical	Norristown	PA	CHLOR HC USE	4748	8.78E+00	3.60E-05	0.0019	0.0000041	400659	751959	*	05/08/86	28
	75-09-2	CHEVRON CHEMICAL	RICHMOND	CA	PESTICIDES	81679	5.19E+01	2.13E-04	0.013	0.0000041	375629	1222230	*	08/05/86	28
	75-09-2	CHEVRON CHEMICAL	MARYLAND HEIGHT	MO	PESTICIDES	18	1.20E-02	4.93E-08	<0.0001	0.0000041	384229	902529	*	08/05/86	28
	75-09-2	CIBA-GEIGY	SUMMIT	NC	PHARMACEUTICAL	6589	7.04E+00	2.89E-05	0.0021	0.0000041	404329	742249		07/16/86	283
	75-09-2	DOW CHEMICAL	PITTSBURG	CA	CHLOR HC USE	48353	1.55E+02	3.56E-03	0.0020	0.0000041	380129	1215114	*	11/06/87	28
	75-09-2	Diamond Shamrock	Belle	WV	CHLOR HC PRODUCTION	114000	1.49E+02	6.10E-04	0.0041	0.0000041	381359	813248		11/20/86	28
	75-09-2	Dow Chemical	Freeport	TX	CHLOR HC PRODUCTION	108000	9.10E+00	3.73E-05	0.0006	0.0000041	285659	951859		11/20/86	28
	75-09-2	Dow Chemical 2	Plaquemine	LA	CHLOR HC PRODUCTION	225000	3.27E+02	1.34E-03	0.0045	0.0000041	301911	911423		11/20/86	28
	75-09-2	Dow/Polycarbonate	Freeport	TX	MC OCP BASELINE	0	1.61E+01	6.59E-05	0.0002	0.0000041	285937	952457		11/06/87	28
	75-09-2	DuPont	LaPorte	TX	PESTICIDES	350187	3.11E+02	1.28E-03	0.018	0.0000041	294153	950157	*	08/05/86	28
	75-09-2	ELI LILLY	CLINTON	IN	PHARMACEUTICAL	547487	1.77E+00	7.24E-06	0.0027	0.0000041	394359	872329		07/16/86	283
	75-09-2	ELI LILLY	LAFAYETTE	IN	PHARMACEUTICAL	101226	5.96E+01	2.44E-04	0.0029	0.0000041	402325	865604		07/16/86	283
	75-09-2	ELI LILLY	CLINTON	IN	PHARMACEUTICAL	16827	6.96E-02	2.85E-07	0.0001	0.0000041	394359	872329		07/16/86	283
	75-09-2	ELI LILLY	LAFAYETTE	IN	PHARMACEUTICAL	39555	4.85E+01	1.99E-04	0.0013	0.0000041	402325	865604		07/16/86	283
	75-09-2	ELI LILLY (100)	INDIANAPOLIS	IN	PHARMACEUTICAL	81647	1.07E+01	4.39E-05	0.0074	0.0000041	394429	861103		07/16/86	283
	75-09-2	ELI LILLY (25)	INDIANAPOLIS	IN	PHARMACEUTICAL	2796	1.85E+00	7.57E-06	0.0004	0.0000041	394609	860919		07/16/86	283
	75-09-2	FMC CORPORATION	MIDDLEPORT	NY	PESTICIDES	20270	1.72E+01	7.03E-05	0.0003	0.0000041	431226	782824	*	08/05/86	28
	75-09-2	G.E. (Bldg. 14/16)	Mt. Vernon	IN	CHLOR HC USE	1342305	3.33E+02	1.37E-03	0.019	0.0000041	375458	885507		05/08/86	28
	75-09-2	G.E. (Bldg. 4)	Mt. Vernon	IN	CHLOR HC USE	289899	4.92E+01	2.02E-04	0.0026	0.0000041	375458	885507	*	05/08/86	28
	75-09-2	G.E. (Bldg.13)	Mt. Vernon	IN	CHLOR HC USE	612067	3.98E+01	1.63E-04	0.0070	0.0000041	375458	885507		05/08/86	28
	75-09-2	G.E. Bldg.15/31	Mt. Vernon	IN	CHLOR HC USE	820698	3.69E+02	1.51E-03	0.012	0.0000041	375458	885507		05/08/86	28
	75-09-2	General Electric	Pittefield	MA	CHLOR HC USE	74038	6.26E+01	2.57E-04	0.0025	0.0000041	422729	731309		05/08/86	28
	75-09-2	General Electric	Schnectady	NY	CHLOR HC USE	221	3.92E-01	1.61E-06	<0.0001	0.0000041	424824	735747	*	05/08/86	28
	75-09-2	HOFFMAN-LaROCHE	NUTLEY	NJ	PHARMACEUTICAL	135777	8.13E+01	3.33E-04	0.072	0.0000041	404941	740916		07/16/86	283
	75-09-2	LCP Chemicals	Moundsville	WV	CHLOR HC PRODUCTION	165000	2.81E+02	1.15E-03	0.0046	0.0000041	395039	804809		11/20/86	28
	75-09-2	MERCK	ALBANY	GA	PHARMACEUTICAL	1209186	9.72E+02	3.98E-03	0.017	0.0000041	312953	840754		07/16/86	283
	75-09-2	MERCK	DANVILLE	PA	PHARMACEUTICAL	30016	4.84E+01	1.98E-04	0.0008	0.0000041	405739	763829		07/16/86	283
	75-09-2	MERCK	RAHWAY	NJ	PHARMACEUTICAL	126996	1.92E+02	7.86E-04	0.056	0.0000041	403655	741559		07/16/86	283
	75-09-2	MOBAY	KANSAS CITY	MO	PESTICIDES	414	2.09E-02	8.58E-08	<0.0001	0.0000041	390730	942829	*	08/05/86	28
	75-09-2	MOBAY CHEMICALS	BAYTOWN	TX	CHLOR HC USE	142433	1.45E+01	5.94E-05	0.0061	0.0000041	294538	945429	*	11/06/87	28
	75-09-2	MONSANTO	ALVIN	TX	PESTICIDES	82887	1.95E+01	7.98E-05	0.0005	0.0000041	291500	951259	*	08/05/86	28
	75-09-2	MONSANTO	ANNISTON	AL	PESTICIDES	24763	6.43E+01	2.64E-04	0.0016	0.0000041	333859	855059	*	08/05/86	28
	75-09-2	PFIZER	GROTON	CT	PHARMACEUTICAL	9758	1.95E+01	7.99E-05	0.0009	0.0000041	411958	720445		07/16/86	283
	75-09-2	PFIZER	TERRE HAUTE	IN	PHARMACEUTICAL	9263	2.48E+00	1.02E-05	0.0001	0.0000041	392706	870824		07/16/86	283
	75-09-2	SCHERING CORP	UNION	NJ	PHARMACEUTICAL	158743	1.08E+02	4.44E-04	0.089	0.0000041	404103	741358		07/16/86	283
	75-09-2	SIC'S 25,34,36,37,39		AL	DEGREASING, STATEWIDE	190000			0.016	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		AK	DEGREASING, STATEWIDE	270			<0.0001	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		AZ	DEGREASING, STATEWIDE	310000			0.066	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		AR	DEGREASING, STATEWIDE	250000			0.011	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		CA	DEGREASING, STATEWIDE	3500000			1.3	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		CO	DEGREASING, STATEWIDE	250000			0.052	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		CT	DEGREASING, STATEWIDE	690000			0.098	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		DE	DEGREASING, STATEWIDE	21000			0.0023	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		DC	DEGREASING, STATEWIDE	3600			0.0037	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		FL	DEGREASING, STATEWIDE	730000			0.13	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		GA	DEGREASING, STATEWIDE	370000			0.03	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		HI	DEGREASING, STATEWIDE	15000			0.0022	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		ID	DEGREASING, STATEWIDE	15000			0.0011	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		IL	DEGREASING, STATEWIDE	1700000			0.62	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		IN	DEGREASING, STATEWIDE	920000			0.076	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		IA	DEGREASING, STATEWIDE	330000			0.015	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		KS	DEGREASING, STATEWIDE	170000			0.018	0.0000041			*	08/26/86	0000

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		KY	DEGREASING, STATEWIDE	190000			0.018	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		LA	DEGREASING, STATEWIDE	180000			0.03	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		ME	DEGREASING, STATEWIDE	86000			0.0028	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MD	DEGREASING, STATEWIDE	220000			0.069	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MA	DEGREASING, STATEWIDE	650000			0.1	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MI	DEGREASING, STATEWIDE	910000			0.12	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MN	DEGREASING, STATEWIDE	390000			0.049	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MS	DEGREASING, STATEWIDE	270000			0.0099	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MO	DEGREASING, STATEWIDE	510000			0.067	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		MT	DEGREASING, STATEWIDE	6800			0.0008	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NB	DEGREASING, STATEWIDE	100000			0.014	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NV	DEGREASING, STATEWIDE	38000			0.0091	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NH	DEGREASING, STATEWIDE	160000			0.0086	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NJ	DEGREASING, STATEWIDE	600000			0.21	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NM	DEGREASING, STATEWIDE	52000			0.009	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NY	DEGREASING, STATEWIDE	2100000			1.2	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		NC	DEGREASING, STATEWIDE	750000			0.058	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		ND	DEGREASING, STATEWIDE	14000			0.0004	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		OH	DEGREASING, STATEWIDE	1300000			0.13	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		OK	DEGREASING, STATEWIDE	210000			0.025	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		OR	DEGREASING, STATEWIDE	130000			0.023	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		PA	DEGREASING, STATEWIDE	1300000			0.24	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		RI	DEGREASING, STATEWIDE	290000			0.036	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		SC	DEGREASING, STATEWIDE	240000			0.015	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		SD	DEGREASING, STATEWIDE	21000			0.0007	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		TN	DEGREASING, STATEWIDE	560000			0.033	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		TX	DEGREASING, STATEWIDE	900000			0.078	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		UT	DEGREASING, STATEWIDE	110000			0.02	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		VT	DEGREASING, STATEWIDE	92000			0.0037	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		VA	DEGREASING, STATEWIDE	410000			0.049	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		WA	DEGREASING, STATEWIDE	290000			0.053	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		WV	DEGREASING, STATEWIDE	57000			0.0032	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		WI	DEGREASING, STATEWIDE	370000			0.034	0.0000041			*	08/26/86	0000
	75-09-2	SIC'S 25,34,36,37,39		WY	DEGREASING, STATEWIDE	1200			0.0001	0.0000041			*	08/26/86	0000
	75-09-2	SQUIBB & SONS	NORTH BRUNSWICK	NJ	PHARMACEUTICAL	26508	2.12E+01	8.69E-03	0.012	0.0000041	402818	742621		07/16/86	283
	75-09-2	UNION CARBIDE	INSTITUTE	WV	PESTICIDES	43207	8.48E+01	2.23E-04	0.0023	0.0000041	382257	814624	*	08/05/86	28
	75-09-2	UPJOHN	KALAMAZOO	MI	PHARMACEUTICAL	916931	3.00E+02	1.23E-03	0.021	0.0000041	421241	853324		07/16/86	283
	75-09-2	Union Carbide	Woodbine	GA	PESTICIDES	270460	3.34E-01	1.37E-06	0.0008	0.0000041	305559	813114	*	08/05/86	28
	75-09-2	Vulcan Chemicals 1	Geismar	LA	CHLOR HC PRODUCTION	67800	8.86E+01	3.63E-04	0.0012	0.0000041	301127	905842		11/20/86	28
	75-09-2	Vulcan Chemicals 1	Wichita	KS	CHLOR HC PRODUCTION	86100	5.99E+01	2.46E-04	0.0008	0.0000041	373459	972509		11/20/86	28
PERCHLOROETHYLENE	127-18-4	ALLIED CHEMICAL	BATON ROUGE	LA	CFC PRODUCTION	12300	9.75E+00	5.65E-06	0.0001	0.00000058	302820	0911135		04/25/86	28
	127-18-4	DOW OCP/CF #2	Midland	MI	CHLOR HC USE	48224	2.19E+01	1.27E-05	0.0002	0.00000058	433608	841348	*	05/05/86	28
	127-18-4	DOW OCP/CF #3	Midland	MI	CHLOR HC USE	53080	5.87E+01	3.40E-05	0.0002	0.00000058	433558	841303		05/05/86	28
	127-18-4	DOW OCP/CF #4	Midland	MI	CHLOR HC USE	19912	2.18E+01	1.27E-05	0.0001	0.00000058	433558	841303	*	05/05/86	28
	127-18-4	DOW OCP/SPEC CHEM	Pittsburg	CA	CHLOR HC USE	3113	6.02E+00	3.49E-06	<0.0001	0.00000058	380129	1215116	*	05/05/86	28
	127-18-4	DOW OCP/STM TET	Freeport	TX	CHLOR HC USE	73124	1.90E+00	1.10E-06	0.0001	0.00000058	285704	951859	*	05/05/86	28
	127-18-4	Diamond Shamrock	Deer Park	TX	CHLOR HC PRODUCTION	135000	6.27E+00	3.64E-06	0.0010	0.00000058	294355	950642		11/20/86	28
	127-18-4	Dow Chemical	Pittsburg	CA	CHLOR HC PRODUCTION	35100	6.86E+01	3.98E-05	0.0002	0.00000058	380129	1215116		11/20/86	28
	127-18-4	Dow Chemical 0	Freeport	TX	CHLOR HC PRODUCTION	27100	1.23E+01	7.13E-06	<0.0001	0.00000058	285642	951858	*	11/20/86	28
	127-18-4	Dow Chemical 1	Freeport	TX	CHLOR HC PRODUCTION	4610	3.69E+00	2.14E-06	<0.0001	0.00000058	285928	952331		11/20/86	28
	127-18-4	Dow Chemical 1	Plaquemine	LA	CHLOR HC PRODUCTION	63700	9.37E+01	5.44E-05	0.0002	0.00000058	301855	911403		11/20/86	28
	127-18-4	DuPont	Corpus Christi	TX	CHLOR HC PRODUCTION	0	2.26E+01	1.31E-05	<0.0001	0.00000058	275228	971434		11/20/86	28
	127-18-4	E.I. DUPONT	CORPUS CHRISTI	TX	CFC PRODUCTION	11200	2.25E+01	1.30E-05	<0.0001	0.00000058	275229	0971434		04/25/86	28
	127-18-4	E.I. DUPONT	MONTAGUE	MI	CFC PRODUCTION	77000	5.93E+00	3.44E-06	<0.0001	0.00000058	432349	0862423		04/25/86	28
	127-18-4	PPG Industries	Lake Charles	LA	CHLOR HC PRODUCTION	39700	4.12E+01	2.39E-05	0.0001	0.00000058	301326	931658	*	11/20/86	28

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		AL	DEGREASING, STATEWIDE	300000			0.0044	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		AK	DEGREASING, STATEWIDE	1100			<0.0001	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		AZ	DEGREASING, STATEWIDE	340000			0.0059	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		AR	DEGREASING, STATEWIDE	320000			0.0021	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		CA	DEGREASING, STATEWIDE	4100000			0.23	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		CO	DEGREASING, STATEWIDE	280000			0.0080	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		CT	DEGREASING, STATEWIDE	78000			0.016	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		DE	DEGREASING, STATEWIDE	44000			0.0007	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		DC	DEGREASING, STATEWIDE	31000			0.0004	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		FL	DEGREASING, STATEWIDE	650000			0.014	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		GA	DEGREASING, STATEWIDE	700000			0.0094	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		HI	DEGREASING, STATEWIDE	23000			0.0005	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		ID	DEGREASING, STATEWIDE	28000			0.0003	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		IL	DEGREASING, STATEWIDE	1300000			0.064	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		IN	DEGREASING, STATEWIDE	1400000			0.019	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		IA	DEGREASING, STATEWIDE	260000			0.0014	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		KS	DEGREASING, STATEWIDE	470000			0.0069	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		KY	DEGREASING, STATEWIDE	430000			0.0055	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		LA	DEGREASING, STATEWIDE	460000			0.013	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		ME	DEGREASING, STATEWIDE	130000			0.0004	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MD	DEGREASING, STATEWIDE	340000			0.017	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MA	DEGREASING, STATEWIDE	1000000			0.022	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MI	DEGREASING, STATEWIDE	1700000			0.034	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MN	DEGREASING, STATEWIDE	330000			0.0057	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MS	DEGREASING, STATEWIDE	240000			0.0015	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MO	DEGREASING, STATEWIDE	1000000			0.023	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		MT	DEGREASING, STATEWIDE	12000			0.0001	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NE	DEGREASING, STATEWIDE	150000			0.0025	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NV	DEGREASING, STATEWIDE	48000			0.0016	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NH	DEGREASING, STATEWIDE	150000			0.0009	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NJ	DEGREASING, STATEWIDE	660000			0.033	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NM	DEGREASING, STATEWIDE	57000			0.0013	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NY	DEGREASING, STATEWIDE	1700000			0.16	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		NC	DEGREASING, STATEWIDE	490000			0.008	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		ND	DEGREASING, STATEWIDE	18000			0.0001	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		OH	DEGREASING, STATEWIDE	2600000			0.041	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		OK	DEGREASING, STATEWIDE	470000			0.0077	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		OR	DEGREASING, STATEWIDE	210000			0.0056	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		PA	DEGREASING, STATEWIDE	2100000			0.057	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		RI	DEGREASING, STATEWIDE	310000			0.0053	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		SC	DEGREASING, STATEWIDE	310000			0.0032	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		SD	DEGREASING, STATEWIDE	23000			0.0001	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		TN	DEGREASING, STATEWIDE	760000			0.0077	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		TX	DEGREASING, STATEWIDE	1500000			0.017	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		UT	DEGREASING, STATEWIDE	160000			0.0028	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		VT	DEGREASING, STATEWIDE	99000			0.0005	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		VA	DEGREASING, STATEWIDE	550000			0.012	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		WA	DEGREASING, STATEWIDE	520000			0.014	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		WV	DEGREASING, STATEWIDE	110000			0.0009	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		WI	DEGREASING, STATEWIDE	530000			0.0067	0.00000058			*	08/26/86	000C
	127-18-4	SIC'S 25,34,36,37,39		WY	DEGREASING, STATEWIDE	3400			<0.0001	0.00000058			*	08/26/86	000C
	127-18-4	Vulcan Chemicals 2	Geismar	LA	CHLOR ALK PRODUCTION	68500	9.91E+01	5.74E-05	0.0002	0.00000058	301127	905842		11/20/86	28
	127-18-4	Vulcan Chemicals 2	Wichita	KS	CHLOR ALK PRODUCTION	46300	4.08E+01	2.37E-05	0.0001	0.00000058	373459	972509		11/20/86	28
PHENOL	108-95-2	ALLIED CHEMICAL	HOPEWELL	VA	CAPROLACTAM/ADIPIC ACID PROD	231810	8.84E+01				372213	771806	*	05/28/86	28
	108-95-2	ALLIED CHEMICAL	PHILADELPHIA	PA	PHENOL PRODUCTION	114410	5.02E+01				400024	750407	*	05/28/86	28

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
PHENOL	108-95-2	CLARK OIL	BLUE ISLAND	IL	PHENOL PRODUCTION	100700	2.14E+01				413921	874156	*	05/28/86	28
	108-95-2	DOW CHEMICAL	FREEPORT	TX	PHENOL & BIS-PHENOL-A PROD.	489750	1.06E+02				285930	952335	*	05/28/86	28
	108-95-2	GENERAL ELECTRIC	MT. VERNON	IN	PHENOL & BIS-PHENOL-A PROD.	402950	8.84E+01				375642	873425	*	05/28/86	28
	108-95-2	GEORGIA GULF	PLAQUEMINE	LA	PHENOL PRODUCTION	332260	8.82E+01				301500	911100	*	05/28/86	28
	108-95-2	GEORGIA GULF	BOUND BROOK	NJ	PHENOL PRODUCTION	181230	8.66E+01				403332	743118	*	05/28/86	28
	108-95-2	GETTY OIL	EL DORADO	KS	PHENOL PRODUCTION	98660	2.01E+01				374710	965200	*	05/28/86	28
	108-95-2	SHELL OIL	DEER PARK	TX	PHENOL & BIS-PHENOL-A PROD.	891970	9.06E+00				294330	950615	*	05/28/86	28
	108-95-2	US STEL CHEMICALS	HAVERHILL	OH	PHENOL & BIS-PHENOL-A PROD.	540670	1.65E+02				383452	824936	*	05/28/86	28
TRICHLOROETHYLENE	79-01-6	B. F. Goodrich	Calvert City	KY	EDC PRODUCTION	1300	2.15E-02	2.80E-08	<0.0001	0.0000013	370249	881919	*	04/21/86	28
	79-01-6	B. F. Goodrich	LaPorte	TX	EDC PRODUCTION	1300	2.33E-02	3.03E-08	<0.0001	0.0000013	294559	950459	*	04/21/86	28
	79-01-6	Borden	Geismar	LA	EDC PRODUCTION	1300	3.91E-02	5.08E-08	<0.0001	0.0000013	301219	910107	*	04/21/86	28
	79-01-6	DOW Chemical	Freeport	TX	EDC PRODUCTION	46000	2.45E+01	3.19E-05	0.0001	0.0000013	285739	951923	*	04/21/86	28
	79-01-6	DOW Chemical	Oyster Creek	TX	EDC PRODUCTION	1300	2.75E-01	3.58E-07	<0.0001	0.0000013	285759	952059	*	04/21/86	28
	79-01-6	DOW I	Plaquemine	LA	EDC PRODUCTION	700	1.10E-01	1.44E-07	<0.0001	0.0000013	301945	911420	*	04/21/86	28
	79-01-6	DOW II	Plaquemine	LA	EDC PRODUCTION	700	1.19E-01	1.55E-07	<0.0001	0.0000013	301945	911420	*	04/21/86	28
	79-01-6	Dow Chemical 1	Freeport	TX	CHLOR AC PRODUCTION	63600	3.35E+01	4.36E-05	0.0002	0.0000013	285928	952331		11/20/86	28
	79-01-6	Dow Chemical 2	Freeport	TX	CHLOR AC PRODUCTION	2300	1.84E+00	2.40E-06	<0.0001	0.0000013	285641	951850	*	11/20/86	28
	79-01-6	Formosa	Baton Rouge	LA	EDC PRODUCTION	1300	6.58E-02	8.56E-08	<0.0001	0.0000013	303000	911059	*	04/21/86	28
	79-01-6	Formosa	Point Comfort	TX	EDC PRODUCTION	1300	3.36E-02	4.36E-08	<0.0001	0.0000013	284103	963211	*	04/21/86	28
	79-01-6	Georgia-Gulf	Plaquemine	LA	EDC PRODUCTION	1300	3.54E-03	4.60E-09	<0.0001	0.0000013	301629	911029	*	04/21/86	28
	79-01-6	PPG	Lake Charles	LA	EDC PRODUCTION	37000	6.30E+00	8.19E-06	0.0002	0.0000013	301326	931658	*	04/21/86	28
	79-01-6	PPG Industries	Lake Charles	LA	CHLOR AC PRODUCTION	53100	6.23E+01	8.10E-05	0.0003	0.0000013	301326	931658	*	11/20/86	28
	79-01-6	SIC'S 25,34,36,37,39		AL	DEGREASING, STATEWIDE	470000			0.014	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		AK	DEGREASING, STATEWIDE	1800			<0.0001	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		AZ	DEGREASING, STATEWIDE	680000			0.039	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		AR	DEGREASING, STATEWIDE	640000			0.0089	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		CA	DEGREASING, STATEWIDE	6700000			0.82	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		CO	DEGREASING, STATEWIDE	660000			0.032	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		CT	DEGREASING, STATEWIDE	1100000			0.049	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		DE	DEGREASING, STATEWIDE	54000			0.0018	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		DC	DEGREASING, STATEWIDE	45000			0.0014	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		FL	DEGREASING, STATEWIDE	1100000			0.053	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		GA	DEGREASING, STATEWIDE	1100000			0.030	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		HI	DEGREASING, STATEWIDE	37000			0.0017	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		ID	DEGREASING, STATEWIDE	46000			0.0009	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		IL	DEGREASING, STATEWIDE	2100000			0.24	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		IN	DEGREASING, STATEWIDE	2400000			0.066	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		IA	DEGREASING, STATEWIDE	720000			0.0096	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		KS	DEGREASING, STATEWIDE	610000			0.019	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		KY	DEGREASING, STATEWIDE	380000			0.011	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		LA	DEGREASING, STATEWIDE	680000			0.037	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		ME	DEGREASING, STATEWIDE	220000			0.002	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MD	DEGREASING, STATEWIDE	380000			0.037	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MA	DEGREASING, STATEWIDE	1100000			0.056	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MI	DEGREASING, STATEWIDE	4200000			0.1895	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MN	DEGREASING, STATEWIDE	1000000			0.041	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MS	DEGREASING, STATEWIDE	760000			0.0095	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MO	DEGREASING, STATEWIDE	990000			0.039	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		MT	DEGREASING, STATEWIDE	19000			0.0005	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		NB	DEGREASING, STATEWIDE	260000			0.01	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		NV	DEGREASING, STATEWIDE	76000			0.0056	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		NH	DEGREASING, STATEWIDE	300000			0.0045	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		NJ	DEGREASING, STATEWIDE	1100000			0.12	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		NM	DEGREASING, STATEWIDE	94000			0.005	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		NY	DEGREASING, STATEWIDE	3000000			0.62	0.0000013			*	08/26/86	0000

TABLE 29. SELECTED EPA RISK ANALYSIS INFORMATION BY POLLUTANT

POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	ST	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		NC	DEGREASING, STATEWIDE	2000000			0.045	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		ND	DEGREASING, STATEWIDE	29000			0.0003	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		OH	DEGREASING, STATEWIDE	3800000			0.041	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		OK	DEGREASING, STATEWIDE	730000			0.027	0.000001.3			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		OR	DEGREASING, STATEWIDE	340000			0.02	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		PA	DEGREASING, STATEWIDE	3600000			0.21	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		RI	DEGREASING, STATEWIDE	470000			0.018	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		SC	DEGREASING, STATEWIDE	560000			0.013	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		SD	DEGREASING, STATEWIDE	41000			0.0005	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		TN	DEGREASING, STATEWIDE	1400000			0.031	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		TX	DEGREASING, STATEWIDE	2400000			0.061	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		UT	DEGREASING, STATEWIDE	230000			0.01	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		VT	DEGREASING, STATEWIDE	200000			0.0024	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		VA	DEGREASING, STATEWIDE	1100000			0.041	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		WA	DEGREASING, STATEWIDE	620000			0.035	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		WV	DEGREASING, STATEWIDE	190000			0.0033	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		WI	DEGREASING, STATEWIDE	650000			0.024	0.0000013			*	08/26/86	0000
	79-01-6	SIC'S 25,34,36,37,39		WY	DEGREASING, STATEWIDE	5500			0.0001	0.0000013			*	08/26/86	0000
	79-01-6	Shell	Deer Park	TX	EDC PRODUCTION	1300	7.29E-02	9.47E-08	<0.0001	0.0000013	294303	950752	*	04/21/86	28
	79-01-6	USI	Port Arthur	TX	EDC PRODUCTION	1300	9.53E-02	1.24E-07	<0.0001	0.0000013	295155	935948	*	04/21/86	28
	79-01-6	Vista	Westlake	LA	EDC PRODUCTION	1300	2.26E-02	2.94E-08	<0.0001	0.0000013	301503	931659	*	04/21/86	28
	79-01-6	Vulcan	Geismar	LA	EDC PRODUCTION	1300	2.35E-01	3.05E-07	<0.0001	0.0000013	301129	905826	*	04/21/86	28
	79-01-6	Vulcan Chemicals 3	Geismar	LA	CHLOR HC PRODUCTION	3490	4.35E+00	5.66E-06	<0.0001	0.0000013	301127	905842		11/20/86	28
	79-01-6	Vulcan Chemicals 3	Wichita	KS	CHLOR HC PRODUCTION	2260	1.78E+00	2.31E-06	<0.0001	0.0000013	373459	972309		11/20/86	28
VINYL CHLORIDE MONOMER	75-01-4	B. F. Goodrich	Calvert City	KY	EDC PRODUCTION	34730	1.58E+01	6.47E-05	0.0002	0.0000041	370249	881919	*	04/21/86	28
	75-01-4	B. F. Goodrich	LaPorte	TX	EDC PRODUCTION	6690	2.05E-01	8.39E-07	0.0005	0.0000041	294559	950459	*	04/21/86	28
	75-01-4	Borden	Geismar	LA	EDC PRODUCTION	8300	1.25E+00	5.14E-06	0.0001	0.0000041	301219	910107	*	04/21/86	28
	75-01-4	DOW Chemical	Freeport	TX	EDC PRODUCTION	2800	1.51E+00	6.19E-06	<0.0001	0.0000041	285739	951923	*	04/21/86	28
	75-01-4	DOW Chemical	Oyster Creek	TX	EDC PRODUCTION	7890	1.57E+00	6.43E-06	0.0001	0.0000041	285759	952059	*	04/21/86	28
	75-01-4	DOW I	Plaquemine	LA	EDC PRODUCTION	23600	4.77E+00	1.96E-05	0.0004	0.0000041	301945	911420	*	04/21/86	28
	75-01-4	DOW II	Plaquemine	LA	EDC PRODUCTION	6900	2.03E+00	8.32E-06	0.0001	0.0000041	301945	911420	*	04/21/86	28
	75-01-4	Diamond Shamrock	Convent	LA	EDC PRODUCTION	100	4.17E-02	1.71E-07	<0.0001	0.0000041	300343	904934	*	04/21/86	28
	75-01-4	Diamond Shamrock	Pasadena	TX	EDC PRODUCTION	10600	7.11E+00	2.91E-05	0.0012	0.0000041	294259	950659	*	04/21/86	28
	75-01-4	Formosa	Baton Rouge	LA	EDC PRODUCTION	13400	2.59E+00	1.06E-05	0.0006	0.0000041	303000	911059	*	04/21/86	28
	75-01-4	Formosa	Point Comfort	TX	EDC PRODUCTION	5700	2.18E+00	8.94E-06	<0.0001	0.0000041	284103	963211	*	04/21/86	28
	75-01-4	Georgia-Gulf	Plaquemine	LA	EDC PRODUCTION	11108	1.07E-01	4.38E-07	0.0002	0.0000041	301629	911029	*	04/21/86	28
	75-01-4	Olin	Lake Charles	LA	EDC PRODUCTION	2400	8.09E-01	3.32E-06	<0.0001	0.0000041	301359	931559	*	04/21/86	28
	75-01-4	PPG	Lake Charles	LA	EDC PRODUCTION	3110	4.32E-01	1.77E-06	<0.0001	0.0000041	301326	931658	*	04/21/86	28
	75-01-4	Shell	Deer Park	TX	EDC PRODUCTION	12310	3.41E+00	1.40E-05	0.0012	0.0000041	294303	950752	*	04/21/86	28
	75-01-4	USI	Port Arthur	TX	EDC PRODUCTION	3140	2.18E-01	8.94E-07	<0.0001	0.0000041	295155	935948	*	04/21/86	28
	75-01-4	Vista	Westlake	LA	EDC PRODUCTION	10802	2.12E+00	8.68E-06	0.0002	0.0000041	301503	931659	*	04/21/86	28
	75-01-4	Vulcan	Geismar	LA	EDC PRODUCTION	6210	1.94E+00	7.97E-06	0.0001	0.0000041	301129	905826	*	04/21/86	28
VINYLIDENE CHLORIDE	75-35-4	DOW AND ALMY	OWENSBORO	KY	PROD. AND/OR USERS	0	0.0068	0.00033	0.0046	0.00005	374000	870300	*	02/21/85	28
	75-35-4	DOW CHEMICAL	DALTON	GA	PROD. AND/OR USERS	0	0.00368	0.00018	0.0017	0.00005	344400	845000	*	02/21/85	28
	75-35-4	DOW CHEMICAL	FREEPORT	TX	PROD. AND/OR USERS	0	0.0124	0.00060	0.006	0.00005	285930	952335	*	02/21/85	28
	75-35-4	DOW CHEMICAL	MIDLAND	MI	PROD. AND/OR USERS	0	0.0124	0.00060	0.015	0.00005	433528	841308	*	02/21/85	28
	75-35-4	DOW CHEMICAL	PLAQUEMINE	LA	PROD. AND/OR USERS	0	0.0168	0.00083	0.011	0.00005	301900	911500	*	02/21/85	28
	75-35-4	DUPONT	CIRCLEVILLE	OH	PROD. AND/OR USERS	0	0.00392	0.00019	0.0047	0.00005	393700	825600	*	02/21/85	28
	75-35-4	MONSANTO	DECATUR	AL	PROD. AND/OR USERS	0	0.00348	0.00017	0.0074	0.00005	343612	865842	*	02/21/85	28
	75-35-4	PPG	LAKE CHARLES	LA	PROD. AND/OR USERS	0	0.0148	0.00073	0.012	0.00005	301314	931654	*	02/21/85	28
	75-35-4	TENNESSEE EASTMAN	KINGSPORT	TN	PROD. AND/OR USERS	0	0.0004	0.000019	0.0038	0.00005	363127	883229	*	02/21/85	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
AK	CHLOROFORM	67-66-3	ALASKA LUMBER & PULP	SITKA	DISS. SULFITE PULP	16863	9.65E-02	2.22E-06	0.0001	0.000023	570254	1351349	*	04/02/86	26
		67-66-3	LOUISIANA PACIFIC	KETCHIKAN	DISS. SULFITE PULP	13578	2.53E+01	5.81E-04	0.0002	0.000023	552418	1314354	*	04/02/86	26
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	270			<0.0001	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100			<0.0001	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1800			<0.0001	0.0000013			*	08/26/86	0000
AL	CADMIUM	7440-43-9	INTERSTATE LEAD	LEEDS	SECONDARY LEAD SMELTER	0	1.43E-03	3.29E-06	0.0001	0.0023	333158	863200	*	06/07/87	33
		7440-43-9	SANDERS LEAD	TROY	SECONDARY LEAD SMELTER	0	1.04E-03	2.39E-06	0.0001	0.0023	314726	855816	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-3	Stauffer	LeMoyne	CHLOR HC PRODUCTION	203000	1.71E+02	2.56E-03	0.014	0.000015	305816	880129		11/20/86	28
	CHLOROFORM	67-66-3	ALLIED PAPER	JACKSON	MISC. INTEG. OPER.	20915	4.58E+01	1.05E-03	0.0011	0.000023	312940	875325	*	04/02/86	26
		67-66-3	AMERICAN CAN	BUTLER	BCT BLCHD KFT P&PPR	51830	4.70E-01	1.08E-05	0.0004	0.000023	321224	880106	*	04/02/86	26
		67-66-3	CHAMPION INTRNATNL	COURTLAND	SODA & KFT FINE PAPR	29419	3.16E-01	7.28E-06	0.0022	0.000023	344401	871835	*	04/02/86	26
		67-66-3	CONTAINER CORP.AMER.	BREWTON	MISC. INTEG. OPER.	27923	1.77E-01	4.07E-06	0.0009	0.000023	310431	870635	*	04/02/86	26
		67-66-3	GULF STATES PAPER	DEMOPOLIS	BCT BLCHD KFT P&PPR	23433	7.56E-02	1.74E-06	0.0002	0.000023	322714	875842	*	04/02/86	26
		67-66-3	HAMMERMILL	SELMA	MKT BLCHD KRAFT	39165	6.49E+01	1.49E-03	0.0058	0.000023	322655	870000	*	04/02/86	26
		67-66-3	INTERNATIONAL PAPER	MOBILE	MISC. INTER. OPER.	24200	2.09E+01	4.80E-04	0.013	0.000023	304437	880335	*	04/02/86	26
		67-66-3	KIMBERLY CLARK	COOSA PINES	MISC. INTER. OPER.	20915	3.01E-01	6.93E-06	0.0017	0.000023	331935	862126	*	04/02/86	26
		67-66-3	SCOTT PAPER	MOBILE	MISC. INTEG. OPER.	20915	4.81E+01	1.11E-03	0.0076	0.000023	304408	880257	*	04/02/86	26
	CHROMIUM	7440-47-3	BLUE CIRCLE IND.	CALERA(BIRMINGH	CEMENT PLANTS	0	1.72E-05	2.07E-07	<0.0001	0.012	330618	864801	*	03/13/86	32
		7440-47-3	GENERAL PORTLAND	DEMOPOLIS	CEMENT PLANTS	0	1.23E-06	1.48E-08	<0.0001	0.012	322703	874847	*	03/13/86	32
		7440-47-3	LEHIGH PORTLAND	LEEDS	CEMENT PLANTS	0	2.73E-05	3.28E-07	0.0001	0.012	333234	863235	*	03/13/86	32
		7440-47-3	NATIONAL CMT.CO.INC.	RAGLAND	CEMENT PLANTS	0	6.08E-05	7.30E-07	<0.0001	0.012	334408	860931	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	MONSANTO	ANNISTON	PESTICIDES	24763	6.43E+01	2.64E-04	0.0016	0.0000041	333859	855059	*	08/05/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	190000			0.016	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	300000			0.0044	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	470000			0.014	0.0000013			*	08/26/86	0000
	VINYLIDENE CHLORIDE	75-35-4	MONSANTO	DECATUR	PROD. AND/OR USERS	0	0.00348	0.00017	0.0074	0.00005	343612	865842	*	02/21/85	28
AR	CHLOROFORM	67-66-3	GEORGIA PACIFIC	CROSSETT	MISC. INTEG. OPER.	35807	5.86E+01	1.35E-03	0.0034	0.000023	330820	915750	*	04/02/86	26
		67-66-3	INTERNATIONAL PAPER	PINE BLUFF	MISC. INTEG. OPER.	23579	3.80E+01	8.74E-04	0.0012	0.000023	341245	915420	*	04/02/86	26
		67-66-3	MEKOOSA	ASHDOWN	SODA & KFT FINE PAPR	31609	4.92E+01	1.13E-03	0.0009	0.000023	333731	940557	*	04/02/86	26
		67-66-3	POTLATCH CORP	MCGHEE	BCT BLCHD KFT P&PPR	45372	1.61E+02	3.70E-03	0.0028	0.000023	333803	912339	*	04/02/86	26
	CHROMIUM	7440-47-3	ARKANSAS CMT.CORP.	FORDYCE	CEMENT PLANTS	0	7.22E-05	8.66E-07	<0.0001	0.012	334123	942506	*	03/13/86	32
		7440-47-3	IDEAL CMT.CO.	OKAY	CEMENT PLANTS	0	1.65E-05	1.97E-07	<0.0001	0.012	334609	935530	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	250000			0.011	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	320000			0.0021	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	640000			0.0089	0.0000013			*	08/26/86	0000
AZ	ARSENIC	7440-38-2	ASARCO INC.	HAYDEN	PRIMARY COPPER SMELTERS	30145	0.31	0.0013	0.058	0.0043	330030	1104633	*	05/01/86	3331
		7440-38-2	INSPIR. CONS. COPPER	MIAMI	PRIMARY COPPER SMELTERS	3830	0.045	0.00019	0.0069	0.0043	332443	1105100	*	05/01/86	3331
		7440-38-2	KENNECOTT CORP.	HAYDEN	PRIMARY COPPER SMELTERS	34975	0.059	0.0003	0.016	0.0043	330041	1104646	*	05/01/86	3331
		7440-38-2	MAGMA COPPER	SAN MANUEL	PRIMARY COPPER SMELTERS	11645	0.038	0.00016	0.0026	0.0043	323657	1103722	*	05/01/86	3331
		7440-38-2	PHELPS-DODGE CORP.	MORENCI	PRIMARY COPPER SMELTERS	3465	0.0187	0.00008	0.0028	0.0043	330332	1092018	*	05/01/86	3331
		7440-38-2	PHELPS-DODGE CORP.	DOUGLAS	PRIMARY COPPER SMELTERS	43371	0.28	0.0012	0.022	0.0043	312038	1093511	*	05/01/86	3331
		7440-38-2	PHELPS-DODGE CORP.	AJO	PRIMARY COPPER SMELTERS	13980	0.050	0.0002	0.0045	0.0043	322200	1125118	*	05/01/86	3331
	CHLOROFORM	67-66-3	PONDEROSA PAPER	FLAGSTAFF	DEINK TISSUE OPER.	3833	2.43E+00	5.59E-05	0.0007	0.000023	351119	1113827	*	04/02/86	26
		67-66-3	SW FOREST INDUSTRIES	SNOWFLAKE	MISC. INTEGR. OPER.	20915	6.13E+01	1.41E-03	0.0013	0.000023	343035	1100532	*	04/02/86	26
	CHROMIUM	7440-47-3	ARIZONA PORT. CMT.CO.	PINAL COUNTY	CEMENT PLANTS	0	4.02E-07	4.82E-09	<0.0001	0.012	320358	1112051	*	03/13/86	32
		7440-47-3	PHOENIX CMT.CO.	CLARKDALE	CEMENT PLANTS	0	1.51E-04	1.81E-06	<0.0001	0.012	344654	1120323	*	03/13/86	32
	COPPER	7440-50-8	DUVAL	SAHUARITA	COPPER ORE PROCESSING	45000	0.18				315700	1105800	*	01/06/87	33
		7440-50-8	MAGMA	SAN MANUEL	PRIMARY COPPER SMELTERS	1799900	7.5				323657	1103722	*	01/06/87	3331
		7440-50-8	MAGMA	SAN MANUAL	COPPER ORE PROCESSING	38000	0.78				323600	1103800	*	01/06/87	33
		7440-50-8	PHELPS DODGE	AJO	PRIMARY COPPER SMELTERS	640000	30.0				322200	1125118	*	01/06/87	3331
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	310000			0.066	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	340000			0.0099	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	600000			0.039	0.0000013			*	08/26/86	0000
CA	BUTADIENE,1,3-	106-99-0	DOW	PITTSBURG	SBR FACILITIES	12600	2.50E+00	7.00E-04	0.036	0.00028	380103	1215110		05/13/86	28
		106-99-0	UNOCAL	LA MIRADA	SBR FACILITIES	48500	7.50E+01	2.10E-02	2.5	0.00028	335349	1180004		05/13/86	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
CA	CADMIUM	7440-43-9	ALCO PACIFIC	GARDENA	SECONDARY LEAD SMELTER	0	4.78E-04	1.10E-06	0.0003	0.0023	333020	1181809	*	06/07/87	33
		7440-43-9	FEDERATED METALS	SAN FRANCISCO	SECONDARY LEAD SMELTER	0	4.19E-04	9.65E-07	0.0001	0.0023	374400	1222300	*	06/07/87	33
		7440-43-9	GOULD	VERNON	SECONDARY LEAD SMELTER	0	5.32E-03	1.22E-05	0.0099	0.0023	340014	1181345	*	06/07/87	33
		7440-43-9	QUEMETCO	CITY OF INDUST.	SECONDARY LEAD SMELTER	0	2.03E-03	4.66E-06	0.0023	0.0023	340130	1175858	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-3	ALLIED CHEMICAL	EL SEGUNDO	CFC PRODUCTION	5400	9.81E+00	1.47E-04	0.0089	0.000015	335400	1182400		04/25/86	28
		56-23-3	Dow Chemical	Pittsburg	CHLOR HC PRODUCTION	75400	1.36E+02	2.03E-03	0.011	0.000015	380129	1215114		11/20/86	28
		56-23-3	Dow Chemical	Pittsburg	CHLOR HC USE	9674	2.01E+01	3.01E-04	0.0015	0.000015	380129	1215114		05/08/86	28
		56-23-3	Dow Chemical	Pittsburg	CHLOR HC USE	2783	4.84E+00	7.26E-05	0.0004	0.000015	380129	1215114		05/08/86	28
		56-23-3	E.I. DUPONT	ANTIOCH	CFC PRODUCTION	4100	1.80E+01	2.69E-04	0.0012	0.000015	380044	1214450		04/25/86	28
	CHLOROFORM	67-66-3	AEROJET	SACRAMENTO	OSPA	49300	2.83E+01	6.50E-04	0.023	0.000023	383630	1211258	*	04/02/86	26
		67-66-3	ALLIED	EL SEGUNDO	CFC PRODUCTION	5100	9.58E-02	2.20E-06	0.0001	0.000023	335637	1182634		03/14/86	28
		67-66-3	CROWN SIMP.&FBRKES	EUREKA	WET BLCHD KRAFT	37121	1.56E+02	3.59E-03	0.0032	0.000023	404655	1241143	*	04/02/86	26
		67-66-3	FIBERBOARD CORP.	ANTIOCH	MISC. INTEGR. OPER.	20915	5.45E+01	1.25E-03	0.0035	0.000023	380105	1216541	*	04/02/86	26
		67-66-3	LOUISIANA PACIFIC	SAOMA	WET BLCHD KRAFT	49290	5.62E+01	1.29E-03	0.0039	0.000023	404845	1241107	*	04/02/86	26
		67-66-3	SIMPSON PAPER	ANDERSON	SODA & KFT FINE PAPR	17593	5.79E+01	1.33E-03	0.0028	0.000023	402541	1221555	*	04/02/86	26
	CHROMIUM	7440-47-3	CALIF. PORT. CMTCO.	MOJAVE	CEMENT PLANTS	0	2.81E-04	3.38E-06	<0.0001	0.012	350141	1181850	*	03/13/86	32
		7440-47-3	CALIFORNIA PORT.	COLTON	CEMENT PLANTS	0	2.68E-05	3.21E-07	0.0001	0.012	340303	1172035	*	03/13/86	32
		7440-47-3	FLINTKOTE CO.	REDDING	CEMENT PLANTS	0	2.61E-05	3.13E-07	<0.0001	0.012	404408	1221916	*	03/13/86	32
		7440-47-3	GENERAL PORT.INC.	LEBEC	CEMENT PLANTS	0	1.04E-06	1.24E-08	<0.0001	0.012	345000	1185131	*	03/13/86	32
		7440-47-3	GENSTART	SAMANDREAS	CEMENT PLANTS	0	8.08E-05	9.69E-07	<0.0001	0.012	381005	1204015	*	03/13/86	32
		7440-47-3	KAISER CMT.	LUCCERAVALLEY	CEMENT PLANTS	0	3.60E-05	4.33E-07	<0.0001	0.012	342535	1165623	*	03/13/86	32
		7440-47-3	LONESTARIND. CMT.	DAVENPORT	CEMENT PLANTS	0	4.28E-06	5.14E-08	0.0001	0.012	370104	1221149	*	03/13/86	32
		7440-47-3	MONOLITH PORT.CMT.	MONOLITH	CEMENT PLANTS	0	3.54E-07	4.25E-09	<0.0001	0.012	350720	1182213	*	03/13/86	32
		7440-47-3	NATIONAL	MOSS LANDING	REFRACTORIES	23	1.34E-03	1.61E-05	0.0006	0.012	364806	1214704	*	03/07/86	32
		7440-47-3	S'WESTERN. CMT.	VICTORVILLE	CEMENT PLANTS	0	5.72E-05	6.86E-07	<0.0001	0.012	343657	1170703	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	BORDEN CHEMICAL	FREMONT	CHLOR HC USE	2510	3.09E-01	1.27E-06	0.0002	0.0000041	373039	1215917	*	11/06/87	28
		75-09-2	CHEVRON CHEMICAL	RICHMOND	PESTICIDES	61879	5.19E+01	2.13E-04	0.013	0.0000041	375629	1222230	*	08/05/86	28
		75-09-2	DOW CHEMICAL	PITTSBURG	CHLOR HC USE	48353	1.55E+02	3.56E-03	0.0020	0.0000041	380129	1215114	*	11/06/87	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	3500000			1.3	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	DOW OCP/SPEC CHEM	Pittsburg	CHLOR HC USE	3113	6.02E+00	3.49E-06	<0.0001	0.00000058	380129	1215114	*	05/05/86	28
		127-18-4	Dow Chemical	Pittsburg	CHLOR HC PRODUCTION	35100	6.86E+01	3.98E-05	0.0002	0.00000058	380129	1215114		11/20/86	28
		127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	4100000			0.23	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	6700000			0.82	0.0000013			*	08/26/86	0000
CO	BUTADIENE,1,3-	106-99-0	COLORADO CHEM. SPEC.	GOLDEN	POLYBUTADIENE PROD.	28700	5.00E+01	1.40E-02	0.100	0.00028	394630	1051026		05/06/86	28
	CHROMIUM	7440-47-3	IDEAL CMT.CO.	LAPORTE	CEMENT PLANTS	0	3.02E-05	3.62E-07	<0.0001	0.012	403930	1050800	*	03/13/86	32
		7440-47-3	IDEALBASICIND.	FLORENCE	CEMENT PLANTS	0	1.27E-06	1.52E-08	<0.0001	0.012	382313	1050100	*	03/13/86	32
		7440-47-3	S'WESTERN CMT.	BOULDERCOUNTY	CEMENT PLANTS	0	3.37E-05	4.04E-07	<0.0001	0.012	401208	1051409	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	250000			0.052	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	280000			0.0088	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	460000			0.032	0.0000013			*	08/26/86	0000
CT	BUTADIENE,1,3-	106-99-0	DOW	GALES FERRY	SBR FACILITIES	16900	1.64E+01	4.60E-03	0.059	0.00028	412629	720458		05/13/86	28
	CARBON TETRACHLORIDE	56-23-3	Dow Chemical	Allyn's Pt.	CHLOR HC USE	2828	4.59E+00	6.88E-05	0.0005	0.000015	412637	720529	*	05/08/86	28
	CHROMIUM	7440-47-3	CARPENTER	BRIDGEPORT	SPECIALTY STEEL	55	4.24E-03	5.09E-05	0.0076	0.012	410959	730959	*	03/07/86	33
	METHYLENE CHLORIDE	75-09-2	PFIZER	GROTON	PHARMACEUTICAL	9756	1.95E+01	7.99E-05	0.0009	0.0000041	411958	720445		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	690000			0.098	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	78000			0.016	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100000			0.049	0.0000013			*	08/26/86	0000
DC	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	3600			0.0037	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	31000			0.0004	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	45000			0.0014	0.0000013			*	08/26/86	0000
DE	BUTADIENE,1,3-	106-99-0	REICHHOLD	CHEMHOLD	SBR FACILITIES	52100	7.50E+01	2.10E-02	0.085	0.00028	391214	753411		05/13/86	28
	ETHYLENE OXIDE	75-21-8	SunOlin	Claymont	PRODUCTION BASELINE	159700	6.97E+00	6.97E-04	0.41	0.0001	394628	752604		10/06/86	28
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	21000			0.0023	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	44000			0.0007	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	54000			0.0018	0.0000013			*	08/26/86	0000

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
FL	CADMIUM	7440-43-9	CHLORIDE METALS	TAMPA	SECONDARY LEAD SMELTER	0	3.50E-04	8.05E-07	0.0001	0.0023	275405	822412	*	06/07/87	33
		7440-43-9	GULF COAST	TAMPA	SECONDARY LEAD SMELTER	0	5.57E-04	1.28E-06	0.0002	0.0023	275744	822253	*	06/07/87	33
	CHLOROFORM	67-66-3	HUDSON PULP & PAPER	PALATKA	MISC. INTEGR. OPER.	28981	5.03E+01	1.16E-03	0.0016	0.000023	294052	814054	*	04/02/86	26
		67-66-3	INTERNTL PAPER	PANAMA CITY	MISC. INTEGR. OPER.	19236	4.22E+01	9.70E-04	0.0045	0.000023	300829	853723	*	04/02/86	26
		67-66-3	ITT RAYONIER	FERNANDINA BCH	DISS. SULFITE PULP	13578	1.54E+01	3.53E-04	0.0014	0.000023	303947	812821	*	04/02/86	26
		67-66-3	ST. JOE PAPER	PORT ST. JOE	MISC. INTEGR. OPER.	21535	4.72E+01	1.09E-03	0.0015	0.000023	294910	851846	*	04/02/86	26
		67-66-3	ST. REGIS PAPER	CANTONMENT	MISC. INTEGR. OPER.	18250	4.20E+01	9.66E-04	0.0022	0.000023	303621	871923	*	04/02/86	26
	CHROMIUM	7440-47-3	FL.MINING&MATERIALS		CEMENT PLANTS	0	1.31E-05	1.57E-07	<0.0001	0.012	283859	822822	*	03/13/86	32
		7440-47-3	GENERAL PORT. CMT	MIAMI	CEMENT PLANTS	0	9.18E-07	1.10E-08	0.0001	0.012	254232	802904	*	03/13/86	32
		7440-47-3	GENERAL PORT.INC.	TAMPA	CEMENT PLANTS	0	8.04E-07	9.64E-09	<0.0001	0.012	275607	822637	*	03/13/86	32
		7440-47-3	RINKER	DADECOUNTY	CEMENT PLANTS	0	4.11E-05	4.94E-07	<0.0001	0.012	254648	802509	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	730000			0.13	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	650000			0.014	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100000			0.053	0.0000013			*	08/26/86	000C
GA	BUTADIENE,1,3-	106-99-0	DOW	DALTON	SBR FACILITIES	297700	1.86E+02	5.20E-02	0.308	0.00028	343710	845532		05/13/86	28
		106-99-0	GOODYEAR	CALHOUN	SBR FACILITIES	43915	8.57E+01	2.40E-02	0.057	0.00028	342738	845607		05/13/86	28
		106-99-0	REICHHOLD	KENSINGTON	SBR FACILITIES	285300	2.71E+02	7.60E-02	0.488	0.00028	344618	852158		05/13/86	28
	CADMIUM	7440-43-9	CHLORIDE METALS	COLUMBUS	SECONDARY LEAD SMELTER	0	3.61E-04	8.31E-07	0.0001	0.0023	322600	845600	*	06/07/87	33
		7440-43-9	NATIONAL SMELTING	ATLANTA	SECONDARY LEAD SMELTER	0	4.43E-04	1.02E-06	0.0002	0.0023	334731	842418	*	06/07/87	33
		7440-43-9	NATIONAL SMELTING	FEDRICKTOWN	SECONDARY LEAD SMELTER	0	1.24E-03	2.85E-06	0.0008	0.0023	394530	752530	*	06/07/87	33
		7440-43-9	TARACORP	ATLANTA	SECONDARY LEAD SMELTER	0	8.85E-04	2.04E-06	0.0006	0.0023	334700	842200	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-5	Dow Chemical	Dalton	CHLOR BC USE	2783	5.42E+00	8.13E-05	0.0002	0.000015	343759	845559	*	05/08/86	28
	CHLOROFORM	67-66-3	BRUNSWICK PULP	BRUNSWICK	MKT BLCHD KRAFT	117457	2.04E+02	4.69E-03	0.014	0.000023	311031	813116	*	04/02/86	26
		67-66-3	CONTINENTAL FOREST	AUGUSTA	BCT BLCHD KFT P&PPR	65919	8.20E+01	1.89E-03	0.0021	0.000023	322257	820001	*	04/02/86	26
		67-66-3	GILMAN PAPER	ST. MARY'S	MISC. INTEG. OPER.	30222	3.42E+01	7.86E-04	0.0016	0.000023	304442	813226	*	04/02/86	26
		67-66-3	PROCTOR AND GAMBLE	OGLETHORPE	MKT BLCHD KRAFT	37121	5.18E+01	1.19E-03	0.0021	0.000023	321729	840029	*	04/02/86	26
	CHROMIUM	7440-47-3	BLUE CIRCLE IND.	ATLANTA	CEMENT PLANTS	0	1.44E-05	1.73E-07	0.0001	0.012	334921	842817	*	03/13/86	32
		7440-47-3	MEDUSA CMT.CO.	CLIDGEFIELD	CEMENT PLANTS	0	2.34E-05	2.81E-07	<0.0001	0.012	322453	833812	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	MERCK	ALBANY	PHARMACEUTICAL	1209186	9.72E+02	2.98E-03	0.017	0.0000041	312953	840754		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	370000			0.03	0.0000041			*	08/26/86	000C
		75-09-2	Union Carbide	Woodbine	PESTICIDES	270460	3.34E-01	1.37E-06	0.0008	0.0000041	305559	813114	*	08/05/86	28
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	700000			0.0094	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100000			0.030	0.0000013			*	08/26/86	000C
	VINYLIDENE CHLORIDE	75-35-4	DOW CHEMICAL	DALTON	PROD. AND/OR USERS	0	0.00368	0.00018	0.0017	0.00005	344600	845000	*	02/21/85	28
HI	CHROMIUM	7440-47-3	KAISERCMT.&GYPCORP.	HAMAKULI	CEMENT PLANTS	0	2.22E-07	2.66E-09	<0.0001	0.012	212444	1582624	*	03/13/86	32
		7440-47-3	LONESTAR HAWAIIAN CM	EWA	CEMENT PLANTS	0	1.63E-05	1.95E-07	<0.0001	0.012	211815	1580639	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	15000			0.0022	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	23000			0.0005	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	37000			0.0017	0.0000013			*	08/26/86	000C
IA	CHROMIUM	7440-47-3	DAVENPORT CEMENT	BUFFALO (DAVENPO	CEMENT PLANTS	0	1.02E-05	1.23E-07	<0.0001	0.012	412744	904149	*	03/13/86	32
		7440-47-3	LEHIGH PORT. CMT	MASONCITY	CEMENT PLANTS	0	1.42E-04	1.71E-06	<0.0001	0.012	431042	931240	*	03/13/86	32
		7440-47-3	MONARCH	DESMOINES	CEMENT PLANTS	0	2.18E-05	2.61E-07	<0.0001	0.012	413309	934108	*	03/13/86	32
		7440-47-3	N'WESTSTATE PORT. CM	MASONCITY	CEMENT PLANTS	0	8.15E-06	9.78E-08	<0.0001	0.012	431026	931214	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	330000			0.015	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	260000			0.0014	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	720000			0.0096	0.0000013			*	08/26/86	000C
ID	CHLOROFORM	67-66-3	POTLATCH CORP	LEWISTON	BCT BLCHD KFT P&PPR	70993	2.36E+02	5.43E-03	0.0051	0.000023	462526	1165825	*	04/02/86	26
	CHROMIUM	7440-47-3	CABOT	KOKOMO	SPECIALTY STEEL	8	1.07E-03	1.28E-05	0.0005	0.012	402829	860943	*	03/07/86	33
		7440-47-3	IDAHO PORT. CMT	INKOM	CEMENT PLANTS	0	4.98E-04	5.98E-06	<0.0001	0.012	424746	1121515	*	03/13/86	32
		7440-47-3	SLATER	FORT WAYNE	SPECIALTY STEEL	28	1.22E-03	1.47E-05	0.0023	0.012	410411	851016	*	03/07/86	33
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	15000			0.0011	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	28000			0.0003	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	46000			0.0009	0.0000013			*	08/26/86	000C
IL	BUTADIENE,1,3-	106-99-0	BORG-WARNER	OTTAWA	POLYBUTADIENE PROD.	58600	8.21E+01	2.30E-02	0.0222	0.00028	412008	0884511		05/06/86	28
	CADMIUM	7440-43-9	TARACORP	GRANITE CITY	SECONDARY LEAD SMELTER	0	1.65E-03	3.81E-06	0.0011	0.0023	384205	900837	*	06/07/87	33

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
IL	CARBON TETRACHLORIDE	56-23-5	ABBOTT LABS (CMC)	NORTH CHICAGO	PHARMACEUTICAL	218	2.97E-01	4.45E-06	0.0001	0.000015	421959	875011		07/16/86	283
		56-23-5	ALLIED CHEMICAL	DANVILLE	CFC PRODUCTION	7500	8.98E+00	1.35E-04	0.0004	0.000015	400710	0873345		04/25/86	28
	CHROMIUM	7440-47-3	DIXON-MARQUET	DIXON	CEMENT PLANTS	0	2.74E-04	3.28E-06	0.0001	0.012	415135	892739	*	03/13/86	32
		7440-47-3	ILLINOIS CMT.CO.	LASALLE	CEMENT PLANTS	0	1.82E-05	2.18E-07	<0.0001	0.012	411947	890444	*	03/13/86	32
		7440-47-3	INTERLAKE INC.	BURNS HARBOR	BOFF'S	0	6.43E-06	7.72E-08	0.0001	0.012	414154	873251	*	03/07/86	33
		7440-47-3	LONESTAR CMT.	OGLESBY	CEMENT PLANTS	0	5.40E-06	6.48E-08	<0.0001	0.012	411716	890256	*	03/13/86	32
		7440-47-3	MAGNESITO/METREL	ADDISON	REFRACTORIES	0	2.54E-05	3.05E-07	<0.0001	0.012	405432	880008	*	03/07/86	32
		7440-47-3	MISSOURI PORT. CMT	JOPPA	CEMENT PLANTS	0	9.43E-06	1.13E-07	<0.0001	0.012	371289	885250	*	03/13/86	32
		7440-47-3	NATIONAL STEEL	GRANITE CITY	BOFF'S	1	1.19E-05	1.43E-07	0.0001	0.012	384228	900759	*	03/07/86	33
	COPPER	7440-50-8	AMAX	SAUGET	PRIMARY ZINC SMELTERS	85000	0.76				383607	901016	*	01/06/87	3333
	ETHYLENE OXIDE	75-21-8	Morchem	Morris	PRODUCTION BASELINE	70400	2.75E-01	2.75E-05	0.023	0.0001	413407	881718	*	10/06/86	28
	METHYLENE CHLORIDE	75-09-2	ABBOTT LABS (AP)	NORTH CHICAGO	PHARMACEUTICAL	17502	2.89E+00	1.19E-05	0.0019	0.0000041	421802	875313		07/16/86	283
		75-09-2	ABBOTT LABS (CMC)	NORTH CHICAGO	PHARMACEUTICAL	8862	9.04E+00	3.71E-05	0.0011	0.0000041	421959	875011		07/16/86	283
		75-09-2	ABBOTT LABS (PSC)	NORTH CHICAGO	PHARMACEUTICAL	124560	2.42E+01	9.94E-05	0.0099	0.0000041	421959	875011		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1700000			0.62	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1300000			0.064	0.00000058			*	08/26/86	0000
	PHENOL	108-95-2	CLARK OIL	BLUE ISLAND	PHENOL PRODUCTION	100700	2.14E+01				413921	874156	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2100000			0.24	0.0000013			*	08/26/86	0000
IN	CADMIUM	7440-43-9	QUEMETCO	INDIANAPOLIS	SECONDARY LEAD SMELTER	0	9.70E-04	2.23E-06	0.0004	0.0023	394514	861759	*	06/07/87	33
		7440-43-9	REFINED METALS	BEECH GROVE	SECONDARY LEAD SMELTER	0	4.57E-04	1.05E-06	0.0002	0.0023	394236	860354	*	06/07/87	33
		7440-43-9	USS LEAD	E. CHICAGO	SECONDARY LEAD SMELTER	0	5.40E-04	1.24E-06	0.0003	0.0023	413658	872747	*	06/07/87	33
	CHROMIUM	7440-47-3	BETHLEHEM STEEL	BURNS HARBOR	BOFF'S	0	8.78E-07	1.05E-08	<0.0001	0.012	413829	870807	*	03/07/86	33
		7440-47-3	INLAND STEEL E.	CHICAGO	BOFF'S	2	3.22E-05	3.86E-07	0.0001	0.012	413936	872638	*	03/07/86	33
		7440-47-3	LEHIGH PORT. CMT	BUTTINGTON	CEMENT PLANTS	0	7.79E-06	9.35E-08	<0.0001	0.012	413655	872135	*	03/13/86	32
		7440-47-3	LEHIGH PORT. CMT	MITCHELL	CEMENT PLANTS	0	1.00E-05	1.21E-07	<0.0001	0.012	384407	862728	*	03/13/86	32
		7440-47-3	LOUISVILLE CMT.	LOGANSPORT	CEMENT PLANTS	0	2.23E-05	2.67E-07	<0.0001	0.012	404507	862123	*	03/13/86	32
		7440-47-3	LOUISVILLE CMT.	SPEED	CEMENT PLANTS	0	4.12E-05	4.95E-07	0.0001	0.012	382449	854504	*	03/13/86	32
		7440-47-3	US STEEL	GARY	BOFF'S	2	2.90E-05	3.47E-07	0.0001	0.012	413459	871859	*	03/07/86	33
	COPPER	7440-50-8	INLAND STEEL	EAST CHICAGO	IRON AND STEEL PRODUCTION	16710	0.16				413937	872639	*	01/06/87	332
	METHYLENE CHLORIDE	75-09-2	ELI LILLY	CLINTON	PHARMACEUTICAL	547487	1.77E+00	7.24E-06	0.0027	0.0000041	394359	872329		07/16/86	283
		75-09-2	ELI LILLY	LAFAYETTE	PHARMACEUTICAL	101226	8.96E+01	2.44E-04	0.0029	0.0000041	402325	865604		07/16/86	283
		75-09-2	ELI LILLY	CLINTON	PHARMACEUTICAL	16027	6.96E-02	2.85E-07	0.0001	0.0000041	394359	872329		07/16/86	283
		75-09-2	ELI LILLY	LAFAYETTE	PHARMACEUTICAL	39555	4.85E+01	1.99E-04	0.0013	0.0000041	402325	865604		07/16/86	283
		75-09-2	ELI LILLY (100)	INDIANAPOLIS	PHARMACEUTICAL	81647	1.07E+01	4.39E-05	0.0074	0.0000041	394429	861103		07/16/86	283
		75-09-2	ELI LILLY (25)	INDIANAPOLIS	PHARMACEUTICAL	2796	1.85E+00	7.57E-06	0.0004	0.0000041	394609	860919		07/16/86	283
		75-09-2	G.E. (Bldg. 14/16)	Mt. Vernon	CHLOR BC USE	1342305	3.33E+02	1.37E-03	0.019	0.0000041	375458	885507		05/08/86	28
		75-09-2	G.E. (Bldg. 6)	Mt. Vernon	CHLOR BC USE	289899	4.92E+01	2.02E-04	0.0024	0.0000041	375458	885507	*	05/08/86	28
		75-09-2	G.E. (Bldg.13)	Mt. Vernon	CHLOR BC USE	612067	3.98E+01	1.63E-04	0.0070	0.0000041	375458	885507		05/08/86	28
		75-09-2	G.E. Bldg.15/31	Mt. Vernon	CHLOR BC USE	820698	3.69E+02	1.51E-03	0.012	0.0000041	375458	885507		05/08/86	28
		75-09-2	PFIZER	TERRE HAUTE	PHARMACEUTICAL	9263	2.48E+00	1.02E-05	0.0001	0.0000041	392706	870824		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	920000			0.076	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1400000			0.019	0.00000058			*	08/26/86	0000
	PHENOL	108-95-2	GENERAL ELECTRIC	MT. VERNON	PHENOL & BIS-PHENOL-A PROD.	402950	8.84E+01				375642	873425	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2400000			0.066	0.0000013			*	08/26/86	0000
KS	CARBON TETRACHLORIDE	56-23-5	ESSEX	WICHITA	CFC PRODUCTION	19900	7.24E+00	1.09E-04	0.0006	0.000015	373500	972521		04/25/86	28
		56-23-5	Vulcan Chemicals	Wichita	CHLOR BC PRODUCTION	92500	1.02E+02	1.52E-03	0.0043	0.000015	373459	972509		11/20/86	28
		56-23-5	Vulcan Chemicals 1	Wichita	CHLOR BC PRODUCTION	750	4.85E-01	7.28E-06	<0.0001	0.000015	373459	972509	*	11/20/86	28
		56-23-5	Vulcan Chemicals 2	Wichita	CHLOR BC PRODUCTION	27900	2.01E-01	3.01E-06	<0.0001	0.000015	373459	972509	*	11/20/86	28
	CHLOROFORM	67-66-3	RACON	WICHITA	CFC PRODUCTION	16800	7.30E+00	1.68E-04	0.0028	0.000023	374329	971959		03/14/86	28
		67-66-3	Vulcan Chemicals 1	Wichita	CHLOR BC PRODUCTION	120000	1.06E+02	2.43E-03	0.0065	0.000023	373459	972509	*	11/20/86	28
	CHROMIUM	7440-47-3	ASHGROVE CMT.	CHANUTE	CEMENT PLANTS	0	2.99E-06	3.59E-08	<0.0001	0.012	373931	953039	*	03/13/86	32
		7440-47-3	GENERAL PORT.CEM.	FREDONIA	CEMENT PLANTS	0	1.34E-06	1.61E-08	<0.0001	0.012	372825	955319	*	03/13/86	32
		7440-47-3	LEHIGH PORT. CMT	INDEPENDENCE	CEMENT PLANTS	0	8.38E-05	1.01E-06	<0.0001	0.012	371034	951412	*	03/13/86	32
		7440-47-3	LONESTARIND.	BOBBERSPRINGS	CEMENT PLANTS	0	2.07E-05	2.49E-07	0.0001	0.012	390357	945146	*	03/13/86	32
		7440-47-3	MONARCH CMT.CO.	HUMBOLDT	CEMENT PLANTS	0	1.37E-06	1.64E-08	<0.0001	0.012	374627	953039	*	03/13/86	32

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
KS	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	170000			0.018	0.0000041			*	08/26/86	000C
		75-09-2	Vulcan Chemicals 1	Wichita	CHLOR HC PRODUCTION	86100	5.99E+01	2.46E-04	0.0008	0.0000041	373459	972509		11/20/86	28
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	470000			0.0069	0.00000058			*	08/26/86	000C
		127-18-4	Vulcan Chemicals 2	Wichita	CHLOR HC PRODUCTION	46300	4.08E+01	2.37E-05	0.0001	0.00000058	373459	972509		11/20/86	28
	PHENOL	108-95-2	GETTY OIL	EL DORADO	PHENOL PRODUCTION	95660	2.01E+01				374710	965200	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	610000			0.019	0.0000013			*	08/26/86	000C
		79-01-6	Vulcan Chemicals 3	Wichita	CHLOR HC PRODUCTION	2260	1.78E+00	2.31E-06	<0.0001	0.0000013	373459	972509		11/20/86	28
KY	BUTADIENE,1,3-	106-99-0	AMERICAN SYN. RUBBER	LOUISVILLE	POLYBUTADIENE PROD.	22100	3.50E+01	9.80E-03	0.10	0.00028	381233	855051		05/06/86	28
		106-99-0	AMERICAN SYNTHETIC	LOUISVILLE	SBR FACILITIES	38130	5.71E+01	1.60E-02	0.16	0.00028	381233	855051		05/13/86	28
		106-99-0	W. R. GRACE	OWENSBORO	SBR FACILITIES	114110	6.79E+00	1.90E-03	0.1412	0.00028	374637	870259		05/13/86	28
	CARBON TETRACHLORIDE	56-23-3	B. F. Goodrich	Calvert City	EDC PRODUCTION	10700	3.94E+00	5.92E-05	0.0002	0.000015	370249	881919	*	04/21/86	28
		56-23-3	PENNWALT	CALVERT CITY	CFC PRODUCTION	31200	3.91E+01	5.86E_04	0.0011	0.000015	370323	882159		04/25/86	28
	CHLOROFORM	67-66-3	B. F. Goodrich	Calvert City	EDC PRODUCTION	10700	1.77E-01	4.08E-06	0.0002	0.000023	370249	881919	*	04/21/86	28
		67-66-3	DUPONT	LOUISVILLE	CFC PRODUCTION	23900	1.87E+01	4.29E-04	0.0038	0.000023	381150	855412	*	03/14/86	28
		67-66-3	PENNWALT	CALVERT CITY	CFC PRODUCTION	9500	8.69E+00	2.00E-04	0.0004	0.000023	370309	881939		03/14/86	28
		67-66-3	WESTERN KRAFT	HAWESVILLE	WET BLCHD KRAFT	14746	1.16E-01	2.68E-06	0.0005	0.000023	375142	894518	*	04/02/86	26
		67-66-3	WESTVACO	WICKLIFFE	MISC. INTEG. OPER.	17995	4.09E-01	9.41E-06	0.0007	0.000023	365641	890423	*	04/02/86	26
	CHROMIUM	7440-47-3	KOSMOS CMT.CO.	LOUISVILLE	CEMENT PLANTS	0	1.91E-06	2.29E-08	<0.0001	0.012	380205	855429	*	03/13/86	32
	ETHYLENE DICHLORIDE	107-06-2	B. F. Goodrich	Calvert City	PRODUCTION BASELINE	357200	8.66E+01	2.25E-03	0.014	0.000026	370249	881919	*	04/21/86	28
	ETHYLENE OXIDE	75-21-8	Olin	Brandenburg	PRODUCTION BASELINE	107650	9.94E-01	9.94E-05	0.086	0.0001	380000	860718		10/06/86	28
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	190000			0.018	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	430000			0.0055	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	B. F. Goodrich	Calvert City	EDC PRODUCTION	1300	2.15E-02	2.80E-06	<0.0001	0.0000013	370249	881919	*	04/21/86	28
		79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	380000			0.011	0.0000013			*	08/26/86	000C
	VINYL CHLORIDE MONOMER	75-01-4	B. F. Goodrich	Calvert City	EDC PRODUCTION	34730	1.58E+01	6.47E-05	0.0002	0.0000041	370249	881919	*	04/21/86	28
	VINYLIDENE CHLORIDE	75-35-4	DOW AND ALMY	OWENSBORO	PROD. AND/OR USERS	0	0.0068	0.00033	0.0046	0.00005	374000	870500	*	02/21/85	28
LA	BUTADIENE,1,3-	106-99-0	COPOLYMER	BATON ROUGE	SBR FACILITIES	49920	7.14E+01	2.00E-02	0.32	0.00028	303000	911015		05/13/86	28
		106-99-0	DUPONT	LA PLACE	NEOPRENE/CHLOROPRENE PROD.	25600	3.57E+01	1.00E-02	0.058	0.00028	300322	903115		05/20/86	28
		106-99-0	EXXON	BATON ROUGE	PRODUCTION	131000	1.86E+02	5.20E-02	0.3807	0.00028	303000	911200		02/27/86	28
		106-99-0	FIRESTONE	LAKE CHARLES	SBR FACILITIES	18900	2.18E+01	6.10E-03	0.02	0.00028	301114	921952		05/13/86	28
		106-99-0	SHELL	NORCO	PRODUCTION	90000	5.71E-01	1.60E-04	0.16	0.00028	295844	902701		02/27/86	28
	CADMIUM	7440-43-9	SCHUYLKILL	BATON ROUGE	SECONDARY LEAD SMELTER	0	8.43E-05	1.94E-07	<0.0001	0.0023	305808	911440	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-3	Borden	Geismar	EDC PRODUCTION	10	1.86E-04	2.79E-09	<0.0001	0.000015	301219	910107	*	04/21/86	28
		56-23-3	DOW I	Plaquemine	EDC PRODUCTION	3100	6.27E-01	9.41E-06	0.0002	0.000015	301945	911420	*	04/21/86	28
		56-23-3	DOW II	Plaquemine	EDC PRODUCTION	3100	6.79E-01	1.02E-05	0.0002	0.000015	301945	911420	*	04/21/86	28
		56-23-3	Diamond Shamrock	Convent	EDC PRODUCTION	1000	3.11E-01	4.67E-06	0.0001	0.000015	300343	904954	*	04/21/86	28
		56-23-3	Dow Chemical 1	Plaquemine	CHLOR HC PRODUCTION	80100	1.15E+02	1.73E-03	0.0058	0.000015	301855	911403		11/20/86	28
		56-23-3	Dow Chemical 2	Plaquemine	CHLOR HC PRODUCTION	5170	7.06E+00	1.06E-04	0.0004	0.000015	301911	911423		11/20/86	28
		56-23-3	Formosa	Baton Rouge	EDC PRODUCTION	4300	7.91E-01	1.19E-05	0.0007	0.000015	303000	911059	*	04/21/86	28
		56-23-3	Georgia-Gulf	Plaquemine	EDC PRODUCTION	5000	2.05E-02	3.08E-07	0.0002	0.000015	301629	911079	*	04/21/86	28
		56-23-3	KAISER	CRAMERCY	CFC PRODUCTION	14000	1.90E+01	2.85E_04	0.0010	0.000015	300226	903936		04/25/86	28
		56-23-3	PPG	Lake Charles	EDC PRODUCTION	7500	5.05E+00	7.57E-05	0.0005	0.000015	301326	931658	*	04/21/86	28
		56-23-3	Vista	Westlake	EDC PRODUCTION	4300	7.07E-01	1.06E-05	0.0002	0.000015	301503	931659	*	04/21/86	28
		56-23-3	Vulcan	Geismar	EDC PRODUCTION	3200	8.66E-01	1.30E-05	0.0002	0.000015	301129	905826	*	04/21/86	28
		56-23-3	Vulcan Chemicals	Geismar	CHLOR HC PRODUCTION	260	9.41E+00	1.41E-04	0.0007	0.000015	301127	905842		11/20/86	28
		56-23-3	Vulcan Chemicals 1	Geismar	CHLOR HC PRODUCTION	9760	1.39E+01	2.10E-04	0.0001	0.000015	301127	905842		11/20/86	28
		56-23-3	Vulcan Chemicals 2	Geismar	CHLOR HC PRODUCTION	65700	8.34E+01	1.25E-03	0.0001	0.000015	301127	905842		11/20/86	28
	CHLOROFORM	67-66-3	BOISE SOUTHERN	DERIDDER	MISC. INTEGR. OPER.	15330	5.93E-02	1.36E-06	0.0002	0.000023	304443	932811	*	04/02/86	26
		67-66-3	Borden	Geismar	EDC PRODUCTION	2800	8.41E-02	1.94E-06	0.0002	0.000023	301219	910107	*	04/21/86	28
		67-66-3	CROWN ZELLERBACH	BOGALUSA	MISC. INTEGR. OPER.	20915	4.44E+01	1.02E-03	0.0076	0.000023	304606	895117	*	04/02/86	26
		67-66-3	CROWN ZELLERBACH	ST.FRANCISVILLE	MISC. INTEGR. OPER.	20915	2.67E+01	6.14E-04	0.0014	0.000023	304629	912241	*	04/02/86	26
		67-66-3	DOW I	Plaquemine	EDC PRODUCTION	5800	9.86E-01	2.27E-05	0.0004	0.000023	301945	911420	*	04/21/86	28
		67-66-3	DOW II	Plaquemine	EDC PRODUCTION	5800	1.07E+00	2.45E-05	0.0005	0.000023	301945	911420	*	04/21/86	28
		67-66-3	Diamond Shamrock	Convent	EDC PRODUCTION	4200	7.12E-02	1.64E-06	0.0002	0.000023	300343	904954	*	04/21/86	28
		67-66-3	Dow Chemical 2	Plaquemine	CHLOR HC PRODUCTION	87800	1.37E+02	3.16E-03	0.0098	0.000023	301911	911423		11/20/86	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
LA	CHLOROFORM	67-66-3	Formosa	Baton Rouge	EDC PRODUCTION	3100	1.57E-01	3.61E-06	0.0005	0.000023	303000	911059	*	04/21/86	28
		67-66-3	GEORGIA PACIFIC	ZACHARY	NBT BLCHD KRAFT	37121	6.92E+01	1.59E-03	0.0026	0.000023	304229	911914	*	04/02/86	26
		67-66-3	Georgia-Gulf	Plaquemine	EDC PRODUCTION	9200	2.51E-02	5.77E-07	0.0004	0.000023	301629	911029	*	04/21/86	28
		67-66-3	INTERNATNL PAPER	BASTROP	SODA & SFT FIBR PAPR	23616	3.87E+01	8.90E-04	0.0041	0.000023	324639	913419	*	04/02/86	26
		67-66-3	KAISER	GRAMERCY	CPC PRODUCTION	11700	5.45E-01	1.25E-05	0.0001	0.000023	300324	904012		03/14/86	28
		67-66-3	PPG	Lake Charles	EDC PRODUCTION	15100	1.14E+01	2.62E-04	0.0015	0.000023	301326	931658	*	04/21/86	28
		67-66-3	VALENTINE PULP&PAPER	LOCKPORT	MISC. INTER. OPER.	4745	7.26E+00	1.67E-04	0.0004	0.000023	293531	902808	*	04/02/86	26
		67-66-3	Vista	Westlake	EDC PRODUCTION	6900	1.13E-01	2.60E-06	0.0003	0.000023	301503	931659	*	04/21/86	28
		67-66-3	Vulcan	Geismar	EDC PRODUCTION	19800	3.56E+00	8.22E-05	0.0017	0.000023	301129	905826	*	04/21/86	28
		67-66-3	Vulcan Chemicals 1	Geismar	CHLOR HC PRODUCTION	54100	7.96E+01	1.83E-03	0.0055	0.000023	301127	905842		11/20/86	28
	CHROMIUM	7440-47-3	LONESTAR CMT.	NEWORLEANS	CEMENT PLANTS	0	2.53E-05	3.04E-07	0.0001	0.012	295834	900138	*	03/13/86	32
	ETHYLENE DICHLORIDE	107-06-2	Borden	Geismar	PRODUCTION BASELINE	312800	1.32E+02	3.43E-03	0.032	0.000026	301219	910107	*	04/21/86	28
		107-06-2	DOW I	Plaquemine	PRODUCTION BASELINE	350560	7.08E+01	1.84E-03	0.036	0.000026	301945	911420	*	04/21/86	28
		107-06-2	DOW II	Plaquemine	PRODUCTION BASELINE	102100	2.95E+01	7.68E-04	0.011	0.000026	301945	911420	*	04/21/86	28
		107-06-2	Diamond Shamrock	Convent	PRODUCTION BASELINE	127645	4.00E+01	1.04E-03	0.012	0.000026	300343	904954	*	04/21/86	28
		107-06-2	Formosa	Baton Rouge	PRODUCTION BASELINE	699000	4.42E+02	1.15E-02	0.22	0.000026	303000	911059	*	04/21/86	28
		107-06-2	Georgia-Gulf	Plaquemine	PRODUCTION BASELINE	196800	1.74E+00	4.51E-05	0.021	0.000026	301629	911029	*	04/21/86	28
		107-06-2	Olin	Lake Charles	PRODUCTION BASELINE	80055	1.91E+01	4.97E-04	0.0092	0.000026	301359	931559	*	04/21/86	28
		107-06-2	PPG	Lake Charles	PRODUCTION BASELINE	94000	2.80E+01	7.28E-04	0.0091	0.000026	301326	931653	*	04/21/86	28
		107-06-2	Union Carbide/EA	Taft	EDC OCP BASELINE	20000	1.76E+01	4.59E-04	0.0042	0.000026	295827	902650	*	11/06/87	28
		107-06-2	Vista	Westlake	PRODUCTION BASELINE	161043	3.09E+01	8.03E-04	0.015	0.000026	301503	931659	*	04/21/86	28
		107-06-2	Vulcan	Geismar	PRODUCTION BASELINE	77100	2.63E+01	6.85E-04	0.0086	0.000026	301129	905826	*	04/21/86	28
	ETHYLENE OXIDE	75-21-8	BASF Wyandotte	Geismar	PRODUCTION BASELINE	131400	1.58E+02	1.58E-02	0.050	0.0001	301145	905942		10/06/86	28
		75-21-8	Dow Chemical	Plaquemine	PRODUCTION BASELINE	25400	2.36E+01	2.36E-03	0.021	0.0001	301700	911416	*	10/06/86	28
		75-21-8	Shell	Geismar	PRODUCTION BASELINE	219280	2.63E+02	2.63E-02	0.065	0.0001	301302	910159	*	10/06/86	28
		75-21-8	Union Carbide	Taft	PRODUCTION BASELINE	89190	1.12E+02	1.12E-02	0.065	0.0001	295917	902715		10/06/86	28
	METHYLENE CHLORIDE	75-09-2	Dow Chemical 2	Plaquemine	CHLOR HC PRODUCTION	225000	3.27E+02	1.34E-03	0.0045	0.0000041	301911	911423		11/20/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	180000			0.03	0.0000041			*	08/26/86	0000
		75-09-2	Vulcan Chemicals 1	Geismar	CHLOR HC PRODUCTION	67800	8.84E+01	3.63E-04	0.0012	0.0000041	301127	905842		11/20/86	28
	PERCHLOROETHYLENE	127-18-4	ALLIED CHEMICAL	BATON ROUGE	CPC PRODUCTION	12300	9.75E+00	5.65E-06	0.0001	0.00000058	302820	0911135		04/25/86	28
		127-18-4	Dow Chemical 1	Plaquemine	CHLOR HC PRODUCTION	63700	9.37E+01	5.44E-05	0.0002	0.00000058	301885	911403		11/20/86	28
		127-18-4	PPG Industries	Lake Charles	CHLOR HC PRODUCTION	29700	4.12E+01	2.39E-05	0.0001	0.00000058	301326	931658	*	11/20/86	28
		127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	460000			0.013	0.00000058			*	08/26/86	0000
		127-18-4	Vulcan Chemicals 2	Geismar	CHLOR HC PRODUCTION	68500	9.91E+01	5.74E-05	0.0002	0.00000058	301127	905842		11/20/86	28
	PHENOL	108-95-2	GEORGIA PACIFIC	PLAQUEMINE	PHENOL PRODUCTION	332260	8.62E+01				301500	911100	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	Borden	Geismar	EDC PRODUCTION	1300	3.91E-02	5.06E-08	<0.0001	0.0000013	301219	910107	*	04/21/86	28
		79-01-6	DOW I	Plaquemine	EDC PRODUCTION	700	1.10E-01	1.44E-07	<0.0001	0.0000013	301945	911420	*	04/21/86	28
		79-01-6	DOW II	Plaquemine	EDC PRODUCTION	700	1.19E-01	1.55E-07	<0.0001	0.0000013	301945	911420	*	04/21/86	28
		79-01-6	Formosa	Baton Rouge	EDC PRODUCTION	1300	6.58E-02	8.56E-08	<0.0001	0.0000013	303000	911059	*	04/21/86	28
		79-01-6	Georgia-Gulf	Plaquemine	EDC PRODUCTION	1300	3.54E-03	4.60E-09	<0.0001	0.0000013	301629	911029	*	04/21/86	28
		79-01-6	PPG	Lake Charles	EDC PRODUCTION	37000	6.30E+00	8.19E-06	0.0002	0.0000013	301326	931658	*	04/21/86	28
		79-01-6	PPG Industries	Lake Charles	CHLOR HC PRODUCTION	53100	6.23E+01	8.10E-05	0.0003	0.0000013	301326	931658	*	11/20/86	28
		79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	680000			0.037	0.0000013			*	08/26/86	0000
		79-01-6	Vista	Westlake	EDC PRODUCTION	1300	2.26E-02	2.94E-08	<0.0001	0.0000013	301503	931659	*	04/21/86	28
		79-01-6	Vulcan	Geismar	EDC PRODUCTION	1300	2.35E-01	3.05E-07	<0.0001	0.0000013	301129	905826	*	04/21/86	28
		79-01-6	Vulcan Chemicals 3	Geismar	CHLOR HC PRODUCTION	3490	4.35E+00	5.66E-06	<0.0001	0.0000013	301127	905842		11/20/86	28
	VINYL CHLORIDE MONOMER	75-01-4	Borden	Geismar	EDC PRODUCTION	8300	1.25E+00	5.14E-06	0.0001	0.0000041	301219	910107	*	04/21/86	28
		75-01-4	DOW I	Plaquemine	EDC PRODUCTION	23600	4.77E+00	1.96E-05	0.0004	0.0000041	301945	911420	*	04/21/86	28
		75-01-4	DOW II	Plaquemine	EDC PRODUCTION	6900	2.03E+00	8.32E-06	0.0001	0.0000041	301945	911420	*	04/21/86	28
		75-01-4	Diamond Shamrock	Convent	EDC PRODUCTION	100	4.17E-02	1.71E-07	<0.0001	0.0000041	300343	904954	*	04/21/86	28
		75-01-4	Formosa	Baton Rouge	EDC PRODUCTION	13400	2.59E+00	1.06E-05	0.0006	0.0000041	303000	911059	*	04/21/86	28
		75-01-4	Georgia-Gulf	Plaquemine	EDC PRODUCTION	11108	1.07E-01	4.38E-07	0.0002	0.0000041	301629	911029	*	04/21/86	28
		75-01-4	Olin	Lake Charles	EDC PRODUCTION	2400	8.09E-01	3.32E-06	<0.0001	0.0000041	301359	931559	*	04/21/86	28
		75-01-4	PPG	Lake Charles	EDC PRODUCTION	3110	4.32E-01	1.77E-06	<0.0001	0.0000041	301326	931658	*	04/21/86	28
		75-01-4	Vista	Westlake	EDC PRODUCTION	10802	2.12E+00	8.68E-06	0.0002	0.0000041	301503	931659	*	04/21/86	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
LA	VINYL CHLORIDE MONOMER	75-01-4	Vulcan	Geismar	EDC PRODUCTION	6210	1.94E+00	7.97E-06	0.0001	0.0000041	301129	905826	*	04/21/86	28
	VINYLIDENE CHLORIDE	75-35-4	DOW CHEMICAL	PLAQUEMINE	PROD. AND/OR USERS	0	0.0168	0.00083	0.011	0.00005	301900	911500	*	02/21/85	28
		75-35-4	PPG	LAKE CHARLES	PROD. AND/OR USERS	0	0.0148	0.00073	0.012	0.00005	301314	931654	*	02/21/85	28
MA	CHLOROFORM	67-66-3	DIAMOND INTERNATIONL	HYDE PARK	DEINK FINE PAPER	17703	2.01E+01	4.63E-04	0.0046	0.000023	414740	710700	*	04/02/86	26
		67-66-3	ERVING PAPER MILLS	ERVING	DEINK TISSUE OPER.	3833	5.42E+00	1.25E-04	0.0002	0.000023	423582	722612	*	04/02/86	26
		67-66-3	ERVING PAPER MILLS	BALDWINVILLE	DEINK TISSUE OPER.	3833	5.42E+00	1.25E-04	0.0003	0.000023	423648	720434	*	04/02/86	26
	METHYLENE CHLORIDE	75-09-2	General Electric	Pittsfield	CHLOR HC USE	74038	6.26E+01	2.57E-04	0.0025	0.0000041	422729	731309		05/08/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	650000			0.1	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1000000			0.022	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100000			0.056	0.0000013			*	08/26/86	000C
MD	CARBON TETRACHLORIDE	56-23-5	FMC CORPORATION	BALTIMORE	PESTICIDES	9780	1.86E+01	2.79E-04	0.0039	0.000015	391333	763427	*	08/05/86	28
	CHLOROFORM	67-66-3	WESTVACO	LUKE	SODA & SFT FINE PAPR	30806	1.08E+02	2.46E-03	0.0051	0.000023	392831	790306	*	04/02/86	26
	CHROMIUM	7440-47-3	ARMCO	BALTIMORE	SPECIALTY STEEL	200	4.29E-02	5.15E-04	0.073	0.012	391813	763407		03/07/86	33
		7440-47-3	BETHLEHEM STEEL	SPARROWS POINT	BOPF'S	0	3.63E-06	4.59E-08	<0.0001	0.012	391259	762759	*	03/07/86	33
		7440-47-3	EASTERN	BALTIMORE	SPECIALTY STEEL	282	4.65E-02	5.57E-04	0.055	0.012	391743	763050		03/07/86	33
		7440-47-3	HARB/WALK	BALTIMORE	REFRACTORIES	109	3.61E-04	4.33E-06	0.0095	0.012	391316	763516	*	03/07/86	32
		7440-47-3	LEHIGH PORT. CMT	UNIONBRIDGE	CEMENT PLANTS	0	5.69E-05	6.83E-07	0.0001	0.012	393357	771056	*	03/13/86	32
		7440-47-3	LONESTAR INDUST.	HAGERSTOWN	CEMENT PLANTS	0	2.59E-05	3.10E-07	<0.0001	0.012	393909	774053	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	220000			0.069	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	340000			0.017	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	380000			0.037	0.0000013			*	08/26/86	000C
ME	CHLOROFORM	67-66-3	BOISE CASCADE	RUMFORD	SODA & SFT FINE PAPR	37997	9.61E+01	2.21E-03	0.0051	0.000023	443307	703222	*	04/02/86	26
		67-66-3	DIAMOND INTRNTL	OLD TOWN	MET BLCHD KRAFT	33033	5.12E+01	1.18E-03	0.0027	0.000023	445300	683805	*	04/02/86	26
		67-66-3	GEORGIA PACIFIC	WOODLAND	MISC. INTEG. OPER.	25039	3.88E+01	8.92E-04	0.0004	0.000023	450932	672406	*	04/02/86	26
		67-66-3	INTRNATNL PAPER	JAY	SODA & SFT FINE PAPR	46392	1.17E+02	2.70E-03	0.0040	0.000023	443025	701428	*	04/02/86	26
		67-66-3	LINCOLN PULP & PAPER	LINCOLN	MISC. INTEG. OPER.	20915	3.24E+01	7.45E-04	0.0012	0.000023	452202	683033	*	04/02/86	26
		67-66-3	SCOTT PAPER	WESTBROOK	SODA & SFT FINE PAPR	24419	2.85E+01	6.56E-04	0.0074	0.000023	434102	702107	*	04/02/86	26
		67-66-3	SCOTT PAPER	HINCKLEY	MET BLCHD KRAFT	37121	2.16E-01	4.97E-06	0.0011	0.000023	444154	693849	*	04/02/86	26
		67-66-3	STATLER TISSUE	AUGUSTA	DEINK TISSUE OPER.	3833	9.70E+00	2.23E-04	0.0015	0.000023	441930	694602	*	04/02/86	26
	CHROMIUM	7440-47-3	CIANBRO CEMENT	THOMASTON	CEMENT PLANTS	0	6.12E-05	7.34E-07	<0.0001	0.012	440500	690925	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	86000			0.0028	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	130000			0.0004	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	220000			0.002	0.0000013			*	08/26/86	000C
MI	ARSENIC	7440-38-2	COPPER RANGE CO.	WHITE PINE	PRIMARY COPPER SMELTERS	2915	0.025	0.00011	0.0004	0.0043	464606	0883318	*	05/01/86	3331
	BUTADIENE,1,3-	106-99-0	DOW	MIDLAND	SBR FACILITIES	48510	2.00E+01	5.60E-03	0.086	0.00028	433611	841323		05/13/86	28
	CADMIUM	7440-43-9	GOPHER	EDGEMO	SECONDARY LEAD SMELTER	0	3.58E-04	8.17E-07	<0.0001	0.0023	405000	930730	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-5	Dow Chemical	Midland	CHLOR HC USE	57346	8.65E+01	8.46E-04	0.0061	0.000015	433559	841305		05/08/86	28
		56-23-5	Dow Chemical	Midland	CHLOR HC USE	2783	2.46E+00	3.72E-05	0.0003	0.000015	433608	841350		05/08/86	28
		56-23-5	E.I. DUPONT	MONTAGUE	CFC PRODUCTION	7800	3.43E+00	5.14E-05	0.0001	0.000015	432349	862323		04/25/86	28
	CHLOROFORM	67-66-3	GEORGIA PACIFIC	KALAMAZOO	DEINK FINE PAPER	25112	2.19E+01	5.03E-04	0.0065	0.000023	421636	853301	*	04/02/86	26
		67-66-3	MEAD PAPERS	ESCANABA	SODA & SFT FINE PAPR	25587	4.76E+01	1.10E-03	0.0025	0.000023	454634	870345	*	04/02/86	26
		67-66-3	SCOTT PAPER	MUSKEGON	SODA & SFT FINE PAPR	14619	1.29E+01	2.97E-04	0.0023	0.000023	431251	861828	*	04/02/86	26
	CHROMIUM	7440-47-3	AETNA PORT. CMT	ESSEXVILLE	CEMENT PLANTS	0	3.17E-05	3.81E-07	<0.0001	0.012	433707	835020	*	03/13/86	32
		7440-47-3	FORD MOTOR CO.	DEARBORN	BOPF'S	1	1.76E-05	2.14E-07	0.0002	0.012	421800	830906	*	03/07/86	33
		7440-47-3	MEDUSA CMT.CO.	CHARLEVOIX	CEMENT PLANTS	0	8.09E-06	9.71E-08	<0.0001	0.012	451847	851752	*	03/13/86	32
		7440-47-3	NATIONAL	ECORSE	BOPF'S	2	3.72E-05	4.46E-07	0.0001	0.012	421711	890623	*	03/07/86	33
		7440-47-3	NATIONAL GYPSUM	ALPENA	CEMENT PLANTS	0	1.94E-06	2.32E-08	<0.0001	0.012	450456	891844	*	03/13/86	32
		7440-47-3	PEERLESS CMT.CO.	DETROIT	CEMENT PLANTS	0	1.98E-06	2.38E-08	0.0001	0.012	421656	830803	*	03/13/86	32
		7440-47-3	ST MARYS CEMENT CO.	WYANDOTTE	CEMENT PLANTS	0	8.22E-07	9.87E-09	<0.0001	0.012	421256	830847	*	03/13/86	32
	COPPER	7440-50-8	COPPER RANGE	WHITE PINE	PRIMARY COPPER SMELTERS	1001000	4.4				464606	8933188	*	01/06/87	3331
		7440-50-8	NATIONAL STEEL	ESCORSE	IRON AND STEEL PRODUCTION	14420	0.22				421712	890624	*	01/06/87	332
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	910000			0.12	0.0000041			*	08/26/86	000C
		75-09-2	UPJOHN	KALAMAZOO	PHARMACEUTICAL	916931	3.00E+02	1.23E-03	0.021	0.0000041	421241	853324		07/16/86	283
	PERCHLOROETHYLENE	127-18-4	DOW OCP/CF #2	Midland	CHLOR HC USE	48224	2.19E+01	1.27E-05	0.0002	0.00000058	433608	841348	*	05/05/86	28
		127-18-4	DOW OCP/CF #3	Midland	CHLOR HC USE	53080	5.87E+01	3.40E-05	0.0002	0.00000058	433558	841303		05/05/86	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
MI	PERCHLOROETHYLENE	127-18-4	DOW OCP/CF #4	Midland	CHLOR AC USE	19912	2.18E+01	1.27E-05	0.0001	0.00000058	433558	841303	*	05/05/86	28
		127-18-4	E.I. DUPONT	MONTAGUE	CFC PRODUCTION	77000	5.93E+00	3.44E-06	<0.0001	0.00000058	432349	0862423		04/25/86	28
		127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1700000			0.034	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	4200000			0.1895	0.0000013			*	08/26/86	0000
	VINYLIDENE CHLORIDE	75-35-4	DOW CHEMICAL	MIDLAND	PROD. AND/OR USERS	0	0.0124	0.00060	0.015	0.00005	433528	841308	*	02/21/85	28
MN	CHLOROFORM	67-66-3	BOISE CASCADE	INTERNATNL FALLS	SODA & KFT PINE PAPR	35588	3.70E+01	8.52E-04	0.0010	0.000023	483649	932409	*	04/02/86	26
		67-66-3	POTLATCH CORP.	CLOQUET	MISC. INTEG. OPER.	11169	1.03E+01	2.38E-04	0.0011	0.000023	464327	922545	*	04/02/86	26
	COPPER	7440-50-8	EVELETH MINES	EVELETH	IRON ORE PROCESSING	8400	0.16				472800	923200	*	01/06/87	33
		7440-50-8	RESERVE MINING	SILVER BAY	IRON ORE PROCESSING	14500	0.27				471700	911600	*	01/06/87	33
		7440-50-8	U.S. STEEL CO.	MT. IRON	IRON ORE PROCESSING	6200	0.12				473200	923700	*	01/06/87	33
		7440-50-8	WHITE PINE	WHITE PINE	COPPER ORE PROCESSING	36000	0.86				464400	893500	*	01/06/87	33
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	390000			0.049	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	330000			0.0057	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1000000			0.041	0.0000013			*	08/26/86	0000
MO	CADMIUM	7440-43-9	SCHUYLKILL	FOREST CITY	SECONDARY LEAD SMELTER	0	5.73E-05	1.32E-07	<0.0001	0.0023	400159	951359	*	06/07/87	33
	CHROMIUM	7440-47-3	DUNDEE CMT.CO.	CLARKSVILLE	CEMENT PLANTS	0	7.57E-06	1.89E-08	<0.0001	0.012	392210	910114	*	03/13/86	32
		7440-47-3	LONESTAR	CAPEGIRARDEAU	CEMENT PLANTS	0	2.71E-05	3.25E-07	<0.0001	0.012	372031	893230	*	03/13/86	32
		7440-47-3	MISSOURI PORT. CMT	SUGARCREEK	CEMENT PLANTS	0	7.01E-06	8.42E-08	<0.0001	0.012	390829	942501	*	03/13/86	32
		7440-47-3	WELLSVILLE	WELLSVILLE	REFRACTORIES	0	4.93E-06	5.91E-08	<0.0001	0.012	390459	913459	*	03/07/86	32
	COPPER	7440-50-8	AMAX	SASS	PRIMARY LEAD SMELTERS	14000	0.053				373831	911135	*	01/06/87	3332
		7440-50-8	ASARCO	GLOVER	PRIMARY LEAD SMELTERS	11000	0.024				362946	904128	*	01/06/87	3332
		7440-50-8	ST. JOE	HERCULANEUM	PRIMARY LEAD SMELTERS	24000	0.011				381547	902259	*	01/06/87	3332
	METHYLENE CHLORIDE	75-09-2	BUCKMAN LABORATORIES	CADET	PESTICIDES	482	4.30E-01	1.76E-06	<0.0001	0.0000041	375459	903559	*	08/05/86	28
		75-09-2	CHEVRON CHEMICAL	MARYLAND HEIGHT	PESTICIDES	18	1.20E-02	4.93E-08	<0.0001	0.0000041	384229	902529	*	08/05/86	28
		75-09-2	MOBAY	KANSAS CITY	PESTICIDES	414	2.09E-02	8.58E-08	<0.0001	0.0000041	390730	942829	*	08/05/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	510000			0.067	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1000000			0.023	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	990000			0.039	0.0000013			*	08/26/86	0000
MS	CHLOROFORM	67-66-3	INTERNATIONAL PAPER	MOSS POINT	MISC. INTEG. OPER.	19455	1.46E+01	3.37E-04	0.0027	0.000023	302558	883059	*	04/02/86	26
	CHROMIUM	7440-47-3	UNITED CMT.CO.	ARTESIA	CEMENT PLANTS	0	3.64E-07	4.37E-09	<0.0001	0.012	332157	883800	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	270000			0.0099	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	240000			0.0015	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	760000			0.0095	0.0000013			*	08/26/86	0000
MT	CHLOROFORM	67-66-3	HOERNER WALDORF	MISSOULA	MISC. INTEGR. OPER.	11169	9.86E-02	2.27E-06	0.0004	0.000023	465816	1141153	*	04/02/86	26
	CHROMIUM	7440-47-3	IDEALBASICIND.	TRIDENT	CEMENT PLANTS	0	4.80E-07	5.76E-09	<0.0001	0.012	455645	1112828	*	03/13/86	32
		7440-47-3	KAISERCMT.CORP.	MONTANA CITY	CEMENT PLANTS	0	1.50E-07	1.80E-09	<0.0001	0.012	463230	1115532	*	03/13/86	32
	COPPER	7440-50-8	ANACONDA MIN. RES.	SILVER BOW CO.	COPPER ORE PROCESSING	33000	0.61				460100	1122800	*	01/06/87	33
		7440-50-8	ASARCO	EAST HELENA	PRIMARY LEAD SMELTERS	7980	0.0044				463452	1115512	*	01/06/87	3332
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	6800			0.0005	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	12000			0.0001	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	19000			0.0005	0.0000013			*	08/26/86	0000
NB	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	100000			0.014	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	150000			0.0025	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	260000			0.01	0.0000013			*	08/26/86	0000
NC	BUTADIENE,1,3-	106-99-0	UNOCAL	CHARLOTTE	SBR FACILITIES	160200	1.04E+00	2.90E-04	0.40	0.00028	352100	804257		05/13/86	28
	CHLOROFORM	67-66-3	ALPHA CELLULOSE	LUMBERTON	MISC. INTER. OPER.	803	2.09E+00	4.81E-05	0.0004	0.000023	343627	785958	*	04/02/86	26
		67-66-3	CHAMPION INTRNATNL	CANTON	MISC. INTER. OPER.	37688	7.14E+01	1.64E-03	0.0045	0.000023	353209	825030	*	04/02/86	26
		67-66-3	FEDERAL PAPERBOARD	RIEGELWOOD	BCT BLCHD KFT PAPER	136400	4.82E-01	1.11E-05	0.0035	0.000023	342010	781253	*	04/02/86	26
		67-66-3	OLIN CORP.	PISGAH FOREST	MISC. INTER. OPER.	20294	3.85E+01	8.85E-04	0.0027	0.000023	351619	824217	*	04/02/86	26
		67-66-3	WEYERHAEUSER	NEW BERN	NBT BLCHD KRAFT	47815	5.10E-01	1.17E-05	0.0030	0.000023	351238	770715	*	04/02/86	26
		67-66-3	WEYERHAEUSER	PLYMOUTH	MISC. INTEGR. OPER.	19236	4.32E+01	9.93E-04	0.0013	0.000023	355135	764645	*	04/02/86	26
	CHROMIUM	7440-47-3	DIAMOND SHAMROCK	CASTLE HAYNE	PRODUCTION	7134	1.48E-01	1.78E-03	0.068	0.012	342200	775130	*	05/05/86	28
	METHYLENE CHLORIDE	75-09-2	BURROUGHS WELLCOME	GREENVILLE	PHARMACEUTICAL	156627	2.96E+02	1.21E-03	0.0042	0.0000041	353938	772132		07/16/86	283
		75-09-2	CIBA-GEIGY	SUMMIT	PHARMACEUTICAL	6589	7.04E+00	2.89E-05	0.0021	0.0000041	404329	742249		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	750000			0.058	0.0000041			*	08/26/86	0000

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
NC	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	690000			0.008	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2000000			0.045	0.0000013			*	08/26/86	000C
ND	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	14000			0.0004	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	18000			0.0001	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	29000			0.0003	0.0000013			*	08/26/86	000C
NE	CHROMIUM	7440-47-3	ASHGROVE CMT.CO.	LOUISVILLE	CEMENT PLANTS	0	3.65E-05	4.38E-07	<0.0001	0.012	405745	963359	*	03/13/86	32
		7440-47-3	IDEAL CMT.CO.	SUPERIOR	CEMENT PLANTS	0	1.04E-05	1.24E-07	<0.0001	0.012	395745	980459	*	03/13/86	32
NH	CHLOROFORM	67-66-3	BROWN CO.	BERLIN	MISC. INTEGR. OPER.	1059	1.24E+00	2.84E-05	<0.0001	0.000023	442649	711111	*	04/02/86	26
		67-66-3	ERVING PAPER MILLS	ERVINGDALE	DEINK TISSUE OPER.	110	1.55E-01	3.56E-06	<0.0001	0.000023	424713	722631	*	04/02/86	26
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	160000			0.0086	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	150000			0.0009	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	300000			0.0045	0.0000013			*	08/26/86	000C
NJ	CARBON TETRACHLORIDE	56-23-3	E.I. DUPONT	DEEPWATER	CFC PRODUCTION	15700	1.33E+01	2.00E-04	0.0040	0.000015	394124	07533034		04/25/86	28
	CHLOROFORM	67-66-3	ALLIED	ELIZABETH	CFC PRODUCTION	19700	8.79E+00	2.02E-04	0.025	0.000023	404044	741350	*	03/14/86	28
		67-66-3	HOFFMAN LaROCHE	NUTLEY	PHARMACEUTICAL	30717	2.33E+01	5.37E-04	0.0040	0.000023	404949	753203		07/16/86	283
		67-66-3	HOFFMAN LaROCHE	BELVIDERE	PHARMACEUTICAL	236201	9.04E+01	2.08E-03	0.042	0.000023	405029	754259		07/16/86	283
		67-66-3	HOFFMAN-LAROCHE	BELVIDERE	VITAMIN C MANUFACTURE	222500	4.75E+01	1.09E-03	0.021	0.000023	405044	753959	*	03/14/86	28
		67-66-3	MERCK	RAHWAY	PHARMACEUTICAL	43844	2.48E+01	5.70E-04	0.092	0.000023	403640	741543		07/16/86	283
		67-66-3	SCHERING CORP	UNION	PHARMACEUTICAL	6423	8.59E+00	1.98E-04	0.021	0.000023	404103	741358		07/16/86	283
	CHROMIUM	7440-47-3	QUIGLEY CO	OLD BRIDGE	REFRACTORIES	0	4.46E-06	5.35E-08	<0.0001	0.012	402529	742129	*	03/07/86	32
	COPPER	7440-50-8	U.S. METALS REFINING	CARTERET	SECONDARY COPPER SMELTERS	57600	21.0				403500	741300	*	01/06/87	33
	ETHYLENE DICHLORIDE	107-06-2	BEECHAM	PISCATAWAY	PHARMACEUTICAL	2006	5.86E-01	1.52E-05	0.0026	0.000026	403321	742900		07/16/86	283
		107-06-2	MERCK	RAHWAY	PHARMACEUTICAL	136	3.69E-02	9.60E-07	0.0003	0.000026	403640	741543		07/16/86	283
	METHYLENE CHLORIDE	75-09-2	BARR LABS	NORTHVALE	PHARMACEUTICAL	13210	5.34E+00	2.19E-05	0.0025	0.0000041	410529	741529		07/16/86	283
		75-09-2	BEECHAM LABS	PISCATAWAY	PHARMACEUTICAL	97853	1.58E+02	6.48E-04	0.022	0.0000041	403321	742900		07/16/86	283
		75-09-2	HOFFMAN-LaROCHE	NUTLEY	PHARMACEUTICAL	135777	8.13E+01	3.33E-04	0.072	0.0000041	404941	740916		07/16/86	283
		75-09-2	MERCK	RAHWAY	PHARMACEUTICAL	126998	1.92E+02	7.86E-04	0.056	0.0000041	403659	741559		07/16/86	283
		75-09-2	SCHERING CORP	UNION	PHARMACEUTICAL	158743	1.08E+02	4.44E-04	0.089	0.0000041	404103	741358		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	600000			0.21	0.0000041			*	08/26/86	000C
		75-09-2	SQUIBB & SONS	NORTH BRUNSWICK	PHARMACEUTICAL	26508	2.12E+01	8.69E-05	0.012	0.0000041	402818	742621		07/16/86	283
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	660000			0.033	0.00000058			*	08/26/86	000C
	PHENOL	108-95-2	GEORGIA GULF	BOUND BROOK	PHENOL PRODUCTION	181230	5.66E+01				403332	743118	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100000			0.12	0.0000013			*	08/26/86	000C
NM	ARSENIC	7440-38-2	KENNECOTT CORP.	HURLEY	PRIMARY COPPER SMELTERS	775	0.029	0.00012	0.0008	0.0043	324156	1080719	*	05/01/86	3331
		7440-38-2	PHELPS-DODGE CORP.	HIDALGO	PRIMARY COPPER SMELTERS	675	0.00122	0.000005	0.0001	0.0043	314511	1083118	*	05/01/86	3331
	CHROMIUM	7440-47-3	IDEAL CMT.CO.	TIJERAS	CEMENT PLANTS	0	2.63E-05	3.16E-07	<0.0001	0.012	350427	1062309	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	52000			0.009	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	57000			0.0013	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	96000			0.005	0.0000013			*	08/26/86	000C
NV	ARSENIC	7440-38-2	KENNECOTT CORP.	MCGILL	PRIMARY COPPER SMELTERS	113550	0.103	0.0004	0.0058	0.0043	392433	1144612	*	05/01/86	3331
	CHROMIUM	7440-47-3	NEVADA CMT.CO.	FERNLEY	CEMENT PLANTS	0	2.14E-06	2.57E-08	<0.0001	0.012	393631	1191512	*	03/13/86	32
	COPPER	7440-50-8	KENNECOTT	MCGILL	PRIMARY COPPER SMELTER	461000	6.0				392433	1144612	*	01/06/87	3331
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	38000			0.0091	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	48000			0.0016	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	76000			0.0056	0.0000013			*	08/26/86	000C
NY	CADMIUM	7440-43-9	REVERE	WALL.	SECONDARY LEAD SMELTER	0	1.54E-03	3.55E-06	0.0002	0.0023	412737	742135	*	06/07/87	33
	CHLOROFORM	67-66-3	FINCH PRUYN &CO.	GLEN FALLS	PAPERGRADE SULFITE	56502	7.46E+01	1.72E-03	0.020	0.000023	431826	733818	*	04/02/86	26
		67-66-3	INTERNATNL PAPER	TICONDEROGA	SODA & SFT FINE PAPR	25185	1.42E-01	3.27E-06	0.0004	0.000023	435259	732338	*	04/02/86	26
		67-66-3	PATRICIAN	SOUTH GLEN FALL	DEINK TISSUE OPER.	3833	5.06E+00	1.16E-04	0.0013	0.000023	431813	733814	*	04/02/86	26
	CHROMIUM	7440-47-3	AL TECH	WATERVLIET	SPECIALTY STEEL	115	2.47E-02	2.97E-04	0.012	0.012	424237	734325		03/07/86	33
		7440-47-3	ATLANTIC CMT.CO.	RAVENA	CEMENT PLANTS	0	1.13E-05	1.35E-07	0.0001	0.012	422949	734856	*	03/13/86	32
		7440-47-3	CRUCIBLE	SYRACUSE	SPECIALTY STEEL	34	3.77E-03	4.53E-05	0.0014	0.012	400259	760959	*	03/07/86	33
		7440-47-3	GLENS FALLS	GLENFALLS	CEMENT PLANTS	0	9.00E-06	1.08E-07	<0.0001	0.012	431639	733153	*	03/13/86	32
		7440-47-3	LEHIGH PORT. CMT	CEMENTON	CEMENT PLANTS	0	1.07E-05	1.28E-07	0.0001	0.012	420825	735447	*	03/13/86	32
		7440-47-3	PENN-DIXIE CMT.	HOWESCAVE	CEMENT PLANTS	0	8.00E-06	9.59E-08	<0.0001	0.012	424120	742317	*	03/13/86	32

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
NY	CHROMIUM	7440-47-3	SKM ALLOYS	NIAGRA FALLS	FERROCR. PROD.	40	1.22E-04	1.46E-06	0.0002	0.012	430713	730238		03/07/86	33
	METHYLENE CHLORIDE	75-09-2	BRISTOL-MEYERS	SYRACUSE	PHARMACEUTICAL	156249	5.81E+01	2.38E-04	0.013	0.0000041	430329	760519		07/16/86	283
		75-09-2	FMC CORPORATION	MIDDLEPORT	PESTICIDES	20270	1.72E+01	7.03E-05	0.0003	0.0000041	431226	782824	*	08/05/86	28
		75-09-2	General Electric	Schenectady	CHLOR BC USE	221	3.92E-01	1.61E-06	<0.0001	0.0000041	424824	735747	*	05/08/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2100000			1.2	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1700000			0.16	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	3000000			0.62	0.0000013			*	08/26/86	0000
OH	BUTADIENE,1,3-	106-99-0	GEN CORP.	MOGADORE	SBR FACILITIES	51770	3.93E+01	1.10E-02	0.1416	0.00028	410243	812329		05/13/86	28
		106-99-0	GOODYEAR	AKRON	SBR FACILITIES	52500	3.57E+01	1.00E-02	0.271	0.00028	410243	812824		05/13/86	28
	CADMIUM	7440-43-9	MASTER METALS	CLEVELAND	SECONDARY LEAD SMELTER	0	8.82E-04	2.03E-06	0.0005	0.0023	412852	814048	*	06/07/87	33
	CHLOROFORM	67-66-3	BERGSTROM PAPER	WEST CARROLLTON	DRINK FINE PAPER	20659	3.96E+01	9.11E-04	0.020	0.000023	394023	841411	*	04/02/86	26
		67-66-3	MEAD PAPERS	CHILLICOTHE	SODA & EXT FINE PAPR	46392	5.15E+01	1.18E-03	0.012	0.000023	391928	825826	*	04/02/86	26
	CHROMIUM	7440-47-3	COLUMBIA CMT.CO.	ZANESVILLE	CEMENT PLANTS	0	8.78E-06	1.05E-07	<0.0001	0.012	395114	820636	*	03/13/86	32
		7440-47-3	CYCLOPS	MANSFIELD	SPECIALTY STEEL	109	6.30E-03	7.57E-05	0.0032	0.012	404659	823059	*	03/07/86	33
		7440-47-3	GENERAL PORT.IND.	PAULDING	CEMENT PLANTS	0	1.21E-04	1.45E-06	<0.0001	0.012	411046	843628	*	03/13/86	32
		7440-47-3	LTV	WARREN	BOFF'S	0	3.03E-07	3.64E-09	<0.0001	0.012	411241	804902	*	03/07/86	33
		7440-47-3	LTV	CLEVELAND	BOFF'S	0	2.12E-07	2.54E-09	<0.0001	0.012	412828	814030	*	03/07/86	33
		7440-47-3	LTV	CLEVELAND	BOFF'S	0	1.16E-07	1.39E-09	<0.0001	0.012	412808	814027	*	03/07/86	33
		7440-47-3	LTV STEEL	CANTON	SPECIALTY STEEL	408	1.16E-02	1.39E-04	0.023	0.012	404811	812009	*	03/07/86	33
		7440-47-3	NATIONAL	COLUMBIA	REFRACTORIES	61	1.49E-03	1.79E-05	0.0022	0.012	405230	804229	*	03/07/86	32
		7440-47-3	OHIO FIREBRIK	JACKSON	REFRACTORIES	6	7.80E-04	9.36E-06	0.0001	0.012	390346	824051	*	03/07/86	32
		7440-47-3	S'WESTERN. CMT.	FAIRBORN	CEMENT PLANTS	0	3.62E-05	4.35E-07	0.0001	0.012	394912	840056	*	03/13/86	32
		7440-47-3	SME	TOLEDO	CEMENT PLANTS	0	3.83E-05	4.60E-07	<0.0001	0.012	414105	834451	*	03/13/86	32
		7440-47-3	US STEEL	LORAIN	BOFF'S	2	5.08E-05	6.10E-07	0.0001	0.012	412559	820759	*	03/07/86	33
		7440-47-3	WHEELING-PITTSBURG	STEUBENVILLE	BOFF'S	0	2.27E-06	2.73E-08	<0.0001	0.012	411854	803614	*	03/07/86	33
	COPPER	7440-50-8	NATIONAL ZINC	BARTLESVILLE	PRIMARY ZINC SMELTERS	64000	3.0				364424	955859	*	01/06/87	3333
	METHYLENE CHLORIDE	75-09-2	B.F. GOODRICH	AVON LAKE	CHLOR BC USE	192332	2.66E+02	1.09E-03	0.0049	0.0000041	412924	820312		11/06/87	28
		75-09-2	BFG/Rubber Accelerat	Cleveland	MC OCP BASELINE	0	7.27E+00	2.98E-05	0.0058	0.0000041	410242	813231		11/06/87	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1300000			0.13	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2600000			0.041	0.00000058			*	08/26/86	0000
	PHENOL	108-95-2	US STEL CHEMICALS	HAVERHILL	PHENOL & BIS-PHENOL-A PROD.	540670	1.65E+02				383452	824936	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	3800000			0.041	0.0000013			*	08/26/86	0000
	VINYLIDENE CHLORIDE	75-35-4	DUPONT	CIRCLEVILLE	PROD. AND/OR USERS	0	0.00382	0.00019	0.0047	0.00005	393700	825600	*	02/21/85	28
OK	CHLOROFORM	67-66-3	FORT HOWARD PAPER	MUSKOGEE	DRINK TISSUE OPER.	3833	7.79E+00	1.79E-04	0.0005	0.000023	354234	952254	*	04/02/86	26
		67-66-3	ROBELL TISSUE	PRYOR	DRINK TISSUE OPER.	3833	7.79E+00	1.79E-04	0.0002	0.000023	361502	551640	*	04/02/86	26
	CHROMIUM	7440-47-3	BLUE CIRCLE IND.	TULSA	CEMENT PLANTS	0	2.27E-04	2.73E-06	0.0001	0.012	361027	955325	*	03/13/86	32
		7440-47-3	IDEAL CMT.CO.	ADA	CEMENT PLANTS	0	9.56E-06	1.15E-07	<0.0001	0.012	344621	964134	*	03/13/86	32
		7440-47-3	LONESTAR CMT.CO.	PRYOR	CEMENT PLANTS	0	5.51E-05	6.61E-07	<0.0001	0.012	361604	951325	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	210000			0.025	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	470000			0.0077	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	730000			0.027	0.0000013			*	08/26/86	0000
OR	CADMIUM	7440-43-9	BERGSOE	ST. HELENS	SECONDARY LEAD SMELTER	0	3.44E-03	7.92E-06	0.0004	0.0023	455058	1224903	*	06/07/87	33
	CHLOROFORM	67-66-3	AMERICAN CAN	HALSEY	BCT BLCHD KFT PAPER	28176	6.52E+01	1.50E-03	0.0032	0.000023	442220	1231013	*	04/02/86	26
		67-66-3	BOISE CASCADE	SALEM	PAPERGRADE SULFITE	49129	1.47E+02	3.39E-03	0.030	0.000023	445607	1230247	*	04/02/86	26
		67-66-3	BOISE CASCADE	ST. HELENS	MISC. INTEG. OPER.	25879	4.36E+01	1.01E-03	0.0072	0.000023	455058	1224942	*	04/02/86	26
		67-66-3	CROWN ZELLERBACH	CLATSKANIE	MISC. INTER. OPER.	20915	4.27E+01	9.82E-04	0.0005	0.000023	460915	1232408	*	04/02/86	26
	CHROMIUM	7440-47-3	OREGON PORT. CMT	LAKE OSWEGO	CEMENT PLANTS	0	1.30E-05	1.56E-07	<0.0001	0.012	452502	1223930	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	130000			0.023	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	210000			0.0056	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	340000			0.02	0.0000013			*	08/26/86	0000
PA	BUTADIENE,1,3-	106-99-0	POLYSAR	MONACA	SBR FACILITIES	144800	8.57E+01	2.40E-02	0.59	0.00028	403939	802048		05/13/86	28
	CADMIUM	7440-43-9	EAST PENN	LYONS STATION	SECONDARY LEAD SMELTER	0	6.74E-04	1.55E-06	0.0001	0.0023	402819	754601	*	06/07/87	33
		7440-43-9	GENERAL BATTERY	READING	SECONDARY LEAD SMELTER	0	6.63E-03	1.53E-05	0.0011	0.0023	403300	755823	*	06/07/87	33
		7440-43-9	LANCASTER	LANCASTER	SECONDARY LEAD SMELTER	0	1.26E-05	2.89E-08	<0.0001	0.0023	400311	761952	*	06/07/87	33
		7440-43-9	TONOLII	MESQUEHONING	SECONDARY LEAD SMELTER	0	3.53E-03	8.12E-06	0.0005	0.0023	405103	755246	*	06/07/87	33

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
PA	CHLOROFORM	67-66-3	APPLETON PAPERS	BOARING SPRING	SODA & SFT FINE PAPR	6388	6.73E+00	2.01E-04	0.0005	0.000023	402001	782406	*	04/02/86	26
		67-66-3	HAMMERMILL	ERIE	SODA & SFT FINE PAPR	18798	3.38E+01	7.78E-04	0.0049	0.000023	420823	800303	*	04/02/86	26
		67-66-3	MARCAL PAPER	ELMWOOD	DRINK TISSUE OPER.	3833	6.38E+00	1.47E-04	0.013	0.000023	405407	760737	*	04/02/86	26
		67-66-3	P.H. GLATFELTER	SPRING GROVE	SODA & SFT FINE PAPR	23068	5.56E+01	1.28E-03	0.0030	0.000023	395142	763200	*	04/02/86	26
		67-66-3	PENTECH PAPERS	JOHNSONBURG	SODA & SFT FINE PAPR	14819	2.30E+01	5.29E-04	0.0011	0.000023	412926	784041	*	04/02/86	26
		67-66-3	POTLATCH CORP.	LAMSON	DRINK TISSUE OPER.	2409	2.64E+00	6.08E-05	0.0003	0.000023	412316	754938	*	04/02/86	26
		67-66-3	PROCTOR & GAMBLE	MEHOOPANY	PAPERGRADE SULFITE	29492	3.23E+01	7.44E-04	0.0014	0.000023	413414	760235	*	04/02/86	26
	CHROMIUM	7440-47-3	ALLEGHENY	BRACKENRIDGE	SPECIALTY STEEL	319	2.72E-02	3.27E-04	0.019	0.012	403629	794319		03/07/86	33
		7440-47-3	ARMCO	BUTLER	SPECIALTY STEEL	549	1.46E-02	1.75E-04	0.022	0.012	405059	795259		03/07/86	33
		7440-47-3	BETHLEHEM STEEL	BETHLEHEM	BOPF'S	0	4.79E-06	5.75E-08	<0.0001	0.012	403559	752058	*	03/07/86	33
		7440-47-3	CARPENTER	READING	SPECIALTY STEEL	34	3.33E-03	3.99E-05	0.0053	0.012	402146	755854	*	03/07/86	33
		7440-47-3	COPLAYCMT.MFG.	CEMENTON	CEMENT PLANTS	0	3.44E-06	4.13E-08	<0.0001	0.012	404018	753212	*	03/13/86	32
		7440-47-3	CYCLOPS CORP.	BRIDGEVILLE	SPECIALTY STEEL	24	2.41E-03	2.90E-05	0.0036	0.012	402059	800659	*	03/07/86	33
		7440-47-3	ELECTROLLOY	OIL CITY	SPECIALTY STEEL	29	2.08E-03	2.49E-05	0.0003	0.012	412849	794659	*	03/07/86	33
		7440-47-3	GENERAL PORTLAND	WHITEHALL	CEMENT PLANTS	0	7.49E-06	8.99E-08	<0.0001	0.012	404113	753022	*	03/13/86	32
		7440-47-3	JESSOP	WASHINGTON	SPECIALTY STEEL	37	6.79E-03	8.14E-05	0.0044	0.012	401037	801601	*	03/07/86	33
		7440-47-3	LONESTAR	PITTSBURGH	CEMENT PLANTS	0	6.00E-06	7.20E-08	<0.0001	0.012	402936	800437	*	03/13/86	32
		7440-47-3	LONESTARIND.	NAZARETH	CEMENT PLANTS	0	2.25E-05	2.69E-07	0.0001	0.012	404414	751848	*	03/13/86	32
		7440-47-3	MEDUSA CMT.CO.	HAMPTON	CEMENT PLANTS	0	3.29E-04	3.94E-06	0.0002	0.012	405241	801928	*	03/13/86	32
		7440-47-3	N.AMERICAN	HOMELSDORF	REFRACTORIES	69	1.17E-03	1.41E-05	0.0026	0.012	402107	761151	*	03/07/86	32
		7440-47-3	NATIONALGYPSUM CO.	EVANSVILLE	CEMENT PLANTS	0	1.53E-05	1.83E-07	<0.0001	0.012	402822	755350	*	03/13/86	32
		7440-47-3	SHARON STEEL	FARRELL	BOPF'S	1	1.11E-05	1.34E-07	<0.0001	0.012	411244	803034	*	03/07/86	33
		7440-47-3	SMZ	BESSEMER	CEMENT PLANTS	0	2.79E-05	3.34E-07	0.0001	0.012	405824	802923	*	03/13/86	32
		7440-47-3	STANDARD STEEL	BURNHAM	SPECIALTY STEEL	34	4.30E-03	5.16E-05	0.0005	0.012	403923	773385	*	03/07/86	33
		7440-47-3	US STEEL	BRADDOCK	BOPF'S	1	1.16E-05	1.39E-07	0.0001	0.012	401809	795233	*	03/07/86	33
		7440-47-3	WASHINGTON	HOUSTON	SPECIALTY STEEL	161	2.01E-02	2.41E-04	0.017	0.012	401500	801159		03/07/86	33
		7440-47-3	WHEELING-PITTSBURG	MONESSEN	BOPF'S	1	1.53E-05	1.84E-07	<0.0001	0.012	400859	795259	*	03/07/86	33
	COPPER	7440-50-8	ST. JOE	MONACA	PRIMARY ZINC SMELTERS	58900	0.45				404012	802010	*	01/06/87	3333
	METHYLENE CHLORIDE	75-09-2	Bordan Chemical	Morristown	CHLOR SC USE	4748	8.78E+00	3.60E-05	0.0019	0.0000041	400659	751959	*	05/08/86	28
		75-09-2	MERCK	DANVILLE	PHARMACEUTICAL	30016	4.84E+01	1.98E-04	0.0008	0.0000041	405739	763829		07/16/86	283
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1300000			0.24	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2100000			0.057	0.00000058			*	08/26/86	0000
	PHENOL	108-95-2	ALLIED CHEMICAL	PHILADELPHIA	PHENOL PRODUCTION	114410	5.02E+01				400024	750407	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	3600000			0.21	0.0000013			*	08/26/86	0000
RI	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	290000			0.036	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	310000			0.0053	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	470000			0.018	0.0000013			*	08/26/86	0000
SC	CHLOROFORM	67-66-3	BOWATER CAROLINA	CATAWBA	MISC. INTERG. OPER.	27302	6.80E-01	1.80E-05	0.0029	0.000023	345035	805329	*	04/02/86	26
		67-66-3	INTERNTL PAPER	GEORGETOWN	MISC. INTEGR. OPER.	21937	4.28E+01	9.85E-04	0.0035	0.000023	341316	820751	*	04/02/86	26
	CHROMIUM	7440-47-3	GIANT PORT. CMT	HARLEYVILLE	CEMENT PLANTS	0	8.18E-06	9.81E-08	<0.0001	0.012	331434	802602	*	03/13/86	32
		7440-47-3	GIFFORD-HILLAND CO.	HARLEYVILLE	CEMENT PLANTS	0	1.34E-06	1.61E-08	<0.0001	0.012	331434	802602	*	03/13/86	32
		7440-47-3	MACALLOY CORP.	CHARLESTON	FERROCR. PROD.	670	1.39E-01	1.67E-03	0.064	0.012	325011	795684		03/07/86	33
		7440-47-3	SANTEE PORT. CMT	HOLLYHILL	CEMENT PLANTS	0	1.32E-04	1.58E-06	<0.0001	0.012	331906	802748	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	240000			0.015	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	310000			0.0032	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	560000			0.013	0.0000013			*	08/26/86	0000
SD	CHROMIUM	7440-47-3	SOUTHDAKOTA CMT.	RAPIDCITY	CEMENT PLANTS	0	6.47E-05	7.76E-07	0.0001	0.012	440516	1031333	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	21000			0.0007	0.0000041			*	08/26/86	0000
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	23000			0.0001	0.00000058			*	08/26/86	0000
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	41000			0.0005	0.0000013			*	08/26/86	0000
TN	ARSENIC	7440-38-2	TENNESSEE CHEM. CO.	COPPERHILL	PRIMARY COPPER SMELTERS	780	0.0132	0.00006	0.0033	0.0043	345946	842243	*	05/01/86	3331
	BUTADIENE,1,3-	106-99-0	POLYSAR	CHATTANOOGA #1	SBR FACILITIES	133330	1.82E+02	5.10E-02	0.60	0.00028	350533	851532		05/13/86	28
		106-99-0	POLYSAR	CHATTANOOGA #2	SBR FACILITIES	79400	1.04E+02	2.90E-02	0.35	0.00028	350244	851131		05/13/86	28
	CADMIUM	7440-43-9	GENERAL SMELTING	COLLEGE GROV.	SECONDARY LEAD SMELTER	0	8.23E-06	1.89E-08	<0.0001	0.0023	354800	864005	*	06/07/87	33
		7440-43-9	REFINED METALS	MEMPHIS	SECONDARY LEAD SMELTER	0	1.77E-03	4.08E-06	0.0004	0.0023	350513	900410	*	06/07/87	33

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
TN	CADMIUM	7440-43-9	ROSS METALS	ROSSVILLE	SECONDARY LEAD SMELTER	0	8.02E-04	1.84E-06	<0.0001	0.0023	350242	893430	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-3	VELSICOL	MEMPHIS	PESTICIDES	544818	3.76E+02	5.66E-03	0.29	0.000015	350901	895705	*	08/05/86	28
	CHLOROFORM	67-66-3	BOWATER SOUTHERN	CALHOUN	MISC. INTER. OPER.	28981	8.57E+01	1.97E-03	0.0027	0.000023	351744	844518	*	04/02/86	26
		67-66-3	MEAD PAPERS	KINGSPORT	SODA & SFT FINE PAPR	17995	2.50E+01	5.75E-04	0.0064	0.000023	363252	823401	*	04/02/86	26
	CHROMIUM	7440-47-3	SIGNALMOUNTAIN CMT.	CHATTANOOGA	CEMENT PLANTS	0	4.51E-05	5.41E-07	0.0001	0.012	350602	852027	*	03/13/86	32
	COPPER	7440-50-8	JERSEY MINIERS ZINC	CLARKSVILLE	PRIMARY ZINC SMELTERS	71000	0.51				363054	872414	*	01/06/87	3333
	ETHYLENE DICHLORIDE	107-06-2	Rhone-Poulenc	Mt. Pleasant	PESTICIDES	190000	1.54E+02	4.06E-03	0.011	0.000026	353211	871223	*	08/05/86	28
	METHYLENE CHLORIDE	75-09-2	BUCKMAN LABORATORIES	MEMPHIS	PESTICIDES	26677	2.40E+01	9.84E-05	0.0034	0.0000041	351019	895943	*	08/05/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	560000			0.033	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	760000			0.0077	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1400000			0.031	0.0000013			*	08/26/86	000C
	VINYLIDENE CHLORIDE	75-35-4	TENNESSEE EASTMAN	KINGSPORT	PROD. AND/OR USERS	0	0.0004	0.000019	0.0038	0.00005	363127	883229	*	02/21/85	28
TX	ARSENIC	7440-38-2	ASARCO INC.	EL PASO	PRIMARY COPPER SMELTERS	29720	0.23	0.001	0.38	0.0043	314654	1063123	*	05/01/86	3331
	BUTADIENE,1,3-	106-99-0	AMOCO	CHOCOLATE BAYOU	PRODUCTION	149000	3.32E-01	9.30E-05	0.058	0.00028	291340	951140		02/27/86	28
		106-99-0	ARCO	CHANNELVIEW	PRODUCTION	47000	9.29E+01	2.60E-02	0.24	0.00028	294912	950725		02/27/86	28
		106-99-0	ARCO CHEMICALS	CHANNELVIEW	POLYBUTADIENE PROD.	20100	3.93E+01	1.10E-02	0.11	0.00028	294630	950730		05/06/86	28
		106-99-0	B.F. GOODRICH	PORT NECHES	SBR FACILITIES	109400	1.29E+02	3.60E-02	0.179	0.00028	295915	935636		05/13/86	28
		106-99-0	CORPUS CHRISTI	CORPUS CHRISTI	PRODUCTION	7000	1.18E+01	3.30E-03	0.0048	0.00028	274810	973529		02/27/86	28
		106-99-0	DENKA CHEMICALS	HOUSTON	NEOPRENE/CHLOROPRENE PROD.	8000	1.18E+01	3.30E-03	0.12	0.00028	294200	951525		05/20/86	28
		106-99-0	DOW	FREEPORT	SBR FACILITIES	22909	1.11E+00	3.10E-04	0.0122	0.00028	285826	952054		05/13/86	28
		106-99-0	DOW	FREEPORT	PRODUCTION	154000	7.86E+00	2.20E-03	0.0803	0.00028	285610	952230		02/27/86	28
		106-99-0	DUPONT	CHOCOLATE BAYOU	PRODUCTION	149000	4.29E-01	1.20E-04	0.074	0.00028	291500	951200		02/27/86	28
		106-99-0	EL PASO	CORPUS CHRISTI	PRODUCTION	143000	2.46E+02	6.90E-02	0.096	0.00028	274824	973547		02/27/86	28
		106-99-0	EXXON	BAYTOWN	PRODUCTION	45000	5.71E+00	1.60E-03	0.2223	0.00028	294522	950050		02/27/86	28
		106-99-0	FIRESTONE	ORANGE	POLYBUTADIENE PROD.	175800	2.11E+01	5.90E-03	0.17	0.00028	300258	934711		05/06/86	28
		106-99-0	GEN CORP.	ODESSA	SBR FACILITIES	49020	6.07E+01	1.70E-02	0.1618	0.00028	314930	1022015		05/13/86	28
		106-99-0	GOODYEAR	HOUSTON	SBR FACILITIES	152400	1.86E+02	5.20E-02	2.165	0.00028	294124	951524		05/13/86	28
		106-99-0	GOODYEAR	BEAUMONT	POLYBUTADIENE PROD.	52900	7.86E+01	2.20E-02	0.053	0.00028	295818	941251		05/06/86	28
		106-99-0	MOBIL	BEAUMONT	PRODUCTION	149000	2.29E+01	6.40E-03	0.35	0.00028	300422	940429		02/27/86	28
		106-99-0	PHILLIPS	BORGER	POLYBUTADIENE PROD.	27400	2.11E+01	5.90E-03	0.0087	0.00028	353924	1012336		05/06/86	28
		106-99-0	PHILLIPS (SULFOLANE)	BORGER	POLYBUTADIENE PROD.	129300	1.11E+01	3.10E-03	0.0187	0.00028	353924	1012336		05/06/86	28
		106-99-0	POLYSAR	ORANGE	POLYBUTADIENE PROD.	26200	3.93E+01	1.10E-02	0.026	0.00028	300240	934612		05/06/86	28
		106-99-0	SHELL	DEER PARK	PRODUCTION	77000	1.57E+02	4.40E-02	0.56	0.00028	294337	950743		02/27/86	28
		106-99-0	TEXACO	PORT NECHES	PRODUCTION	461000	6.79E+02	1.90E-01	0.79	0.00028	295917	935611		02/27/86	28
		106-99-0	TEXAS PETROCHEMICALS	HOUSTON	PRODUCTION	114000	1.64E+02	4.60E-02	1.8	0.00028	294148	951518		02/27/86	28
		106-99-0	UNIROYAL	PORT NECHES	SBR FACILITIES	101300	1.39E+02	3.90E-02	0.17	0.00028	295920	935638		05/13/86	28
	CADMIUM	7440-43-9	DIXIE METALS	DALLAS	SECONDARY LEAD SMELTER	0	6.06E-04	1.39E-06	0.0003	0.0023	324449	964637	*	06/07/87	33
		7440-43-9	GOULD	FRISCO	SECONDARY LEAD SMELTER	0	1.02E-03	2.35E-06	0.0001	0.0023	330838	964944	*	06/07/87	33
		7440-43-9	MURPH METALS	DALLAS	SECONDARY LEAD SMELTER	0	1.65E-03	3.79E-06	0.0008	0.0023	324640	965221	*	06/07/87	33
		7440-43-9	STANDARD	SAN ANTONIO	SECONDARY LEAD SMELTER	0	1.04E-03	2.38E-06	0.0001	0.0023	292000	982938	*	06/07/87	33
	CARBON TETRACHLORIDE	56-23-3	B. F. Goodrich	LaPorte	EDC PRODUCTION	4900	1.01E-01	1.51E-06	0.0010	0.000015	294559	950459	*	04/21/86	28
		56-23-3	DOW CHEMICAL	FREEPORT	PESTICIDES	38049	3.22E+00	4.83E-05	0.0007	0.000015	285659	951859	*	08/05/86	28
		56-23-3	DOW Chemical	Freeport	EDC PRODUCTION	1400	7.69E-01	1.15E-05	<0.0001	0.000015	285739	951923	*	04/21/86	28
		56-23-3	DOW Chemical	Oyster Creek	EDC PRODUCTION	4030	8.43E-01	1.26E-05	0.0001	0.000015	285739	952059	*	04/21/86	28
		56-23-3	Diamond Shamrock	Deer Park	EDC PRODUCTION	1600	9.48E-01	1.42E-05	0.0006	0.000015	294259	950659	*	04/21/86	28
		56-23-3	Diamond Shamrock	Deer Park	CHLOR BC USE	8458	4.85E-01	7.27E-06	0.0030	0.000015	294356	950642	*	05/08/86	28
		56-23-3	Dow Chemical	Freeport	CHLOR BC PRODUCTION	5770	4.95E-01	7.42E-06	0.0001	0.000015	285659	951859		11/20/86	28
		56-23-3	Dow Chemical	Freeport	CHLOR BC USE	52800	1.37E+00	2.06E-05	0.0010	0.000015	285704	951859	*	05/08/86	28
		56-23-3	Dow Chemical	Freeport	CHLOR BC USE	2783	1.30E-01	1.96E-06	0.0001	0.000015	285916	952220	*	05/08/86	28
		56-23-3	Dow Chemical 0	Freeport	CHLOR BC PRODUCTION	11200	5.44E+00	8.16E-05	0.0002	0.000015	285642	951858	*	11/20/86	28
		56-23-3	DuPont	Corpus Christi	CHLOR BC PRODUCTION	0	1.31E+02	1.97E-03	0.0056	0.000015	275228	971434		11/20/86	28
		56-23-3	E.I. duPont	Beaumont	CHLOR BC USE	209940	1.52E+02	2.30E-03	0.0099	0.000015	300043	940136		05/08/86	28
		56-23-3	Formosa	Point Comfort	EDC PRODUCTION	3110	4.50E-01	6.74E-06	<0.0001	0.000015	284103	963211	*	04/21/86	28
		56-23-3	HDS Biotech	HOUSTON	PESTICIDES	323949	3.31E+02	4.96E-03	0.13	0.000015	294541	951017		08/05/86	28
		56-23-3	Shell	Deer Park	EDC PRODUCTION	1500	5.18E-01	7.77E-06	0.0006	0.000015	294303	950752	*	04/21/86	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
TX	CARBON TETRACHLORIDE	56-23-5	USI	Port Arthur	EDC PRODUCTION	2210	1.46E-01	2.22E-06	0.0001	0.000015	295155	935948	*	04/21/86	28
	CHLOROFORM	67-66-3	Arco	Port Arthur	EDC PRODUCTION	2600	1.91E-01	4.39E-06	0.0002	0.000023	295155	935948	*	04/21/86	28
		67-66-3	B. F. Goodrich	LaPorte	EDC PRODUCTION	600	1.02E-02	2.35E-07	0.0002	0.000023	294559	950459	*	04/21/86	28
		67-66-3	CHAMPION INTRNATNL	PASADENA	SODA & KFT FINE PAPR	52013	3.55E+00	8.17E-05	0.050	0.000023	294320	951254	*	04/02/86	26
		67-66-3	DOW Chemical	Oyster Creek	EDC PRODUCTION	6800	1.44E+00	3.31E-05	0.0004	0.000023	285759	952059	*	04/21/86	28
		67-66-3	DUPONT	BEAUMONT	HYPALON PRODUCTION	78700	5.34E-02	1.23E-06	0.0016	0.000023	300122	933711	*	03/14/86	28
		67-66-3	Diamond Shamrock	Deer Park	EDC PRODUCTION	53600	4.01E+01	9.22E-04	0.033	0.000023	294259	950659	*	04/21/86	28
		67-66-3	Dow Chemical	Freeport	CHLOR HC PRODUCTION	115000	9.86E+00	2.27E-04	0.0034	0.000023	285659	951859		11/20/86	28
		67-66-3	E.I. DUPONT/HYPALON	BEAUMONT	CHLOR HC USE	193832	1.55E+02	3.56E-03	0.014	0.000023	300043	940136		11/06/87	28
		67-66-3	Formosa	Point Comfort	EDC PRODUCTION	4700	1.22E-01	2.81E-06	0.0001	0.000023	284103	963211	*	04/21/86	28
		67-66-3	INTERNATIONAL PAPER	TEXARKANA	BCT BLCHD KFT P&PPR	47341	2.51E-01	5.78E-06	0.0022	0.000023	331858	940445	*	04/02/86	26
		67-66-3	SOUTHLAND PAPER	HOUSTON	MISC. INTER. OPER.	10987	1.91E+01	4.38E-04	0.0074	0.000023	295305	950624	*	04/02/86	26
		67-66-3	SOUTHLAND PAPR MILL	LUFKIN	MISC. INTER. OPER.	14710	3.75E+01	8.64E-04	0.0020	0.000023	312121	944042	*	04/02/86	26
		67-66-3	Shell	Deer Park	EDC PRODUCTION	7800	4.37E-01	1.01E-05	0.0031	0.000023	294303	950752	*	04/21/86	28
		67-66-3	TEMPLE EASTEX	DIBOLL	BCT BLCHD KFT P&PPR	103697	1.65E+02	3.80E-03	0.0048	0.000023	302037	940357	*	04/02/86	26
	CHROMIUM	7440-47-3	AM. CHROME & CHEM.CO	CORPUS CHRISTI	PRODUCTION	5003	1.24E-01	1.49E-03	0.15	0.012	274859	972607	*	05/05/86	28
		7440-47-3	CAPITAL CMT.	SAN ANTONIO	CEMENT PLANTS	0	3.99E-05	4.78E-07	0.0001	0.012	293256	982407	*	03/13/86	32
		7440-47-3	CENTEX CMT.	CORPUSCHRISTI	CEMENT PLANTS	0	4.43E-05	5.32E-07	0.0001	0.012	274912	972501	*	03/13/86	32
		7440-47-3	CENTEX-AUSTIN CMT.CO	BODA	CEMENT PLANTS	0	2.12E-05	2.55E-07	<0.0001	0.012	301312	974128	*	03/13/86	32
		7440-47-3	GENERAL PORT.INC.	DALLAS	CEMENT PLANTS	0	9.11E-05	1.09E-06	0.0001	0.012	324512	965220	*	03/13/86	32
		7440-47-3	GENERAL PORTLAND	FT.WORTH	CEMENT PLANTS	0	5.26E-04	6.32E-06	0.0001	0.012	324907	972211	*	03/13/86	32
		7440-47-3	GIFFORD-HILL PORT.CO	MIDLOTHIAN	CEMENT PLANTS	0	5.29E-06	6.35E-08	0.0001	0.012	323119	970028	*	03/13/86	32
		7440-47-3	GULFCOAST PORT.	HOUSTON	CEMENT PLANTS	0	5.32E-06	6.38E-08	<0.0001	0.012	294505	951820	*	03/13/86	32
		7440-47-3	KAISER CMT.	SAN ANTONIO	CEMENT PLANTS	0	2.09E-04	2.51E-06	0.0002	0.012	293253	982345	*	03/13/86	32
		7440-47-3	LEHIGH PORTLAND CMT	WACO	CEMENT PLANTS	0	2.45E-04	2.94E-06	0.0001	0.012	312929	971442	*	03/13/86	32
		7440-47-3	LONESTARIND.INC.	SWEETWATER	CEMENT PLANTS	0	3.14E-06	3.77E-08	<0.0001	0.012	321506	1002729	*	03/13/86	32
		7440-47-3	RIVER	ORANGE	CEMENT PLANTS	0	6.67E-06	8.01E-08	<0.0001	0.012	300858	934313	*	03/13/86	32
		7440-47-3	S'WESTERN. CMT.	AMARILLO	CEMENT PLANTS	0	5.83E-06	6.99E-08	<0.0001	0.012	351213	1020440	*	03/13/86	32
		7440-47-3	S'WESTERN. CMT.	ELPASO	CEMENT PLANTS	0	4.85E-05	5.82E-07	0.0001	0.012	314727	1063129	*	03/13/86	32
		7440-47-3	S'WESTERN. CMT.	ODESSA	CEMENT PLANTS	0	1.51E-06	1.81E-08	<0.0001	0.012	314444	1023243	*	03/13/86	32
		7440-47-3	TEXIND.	MIDLOTHIAN	CEMENT PLANTS	0	2.14E-04	2.56E-06	0.0001	0.012	322830	970020	*	03/13/86	32
	COPPER	7440-50-8	ASARCO	CORPUS CHRISTI	PRIMARY ZINC SMELTERS	59000	0.22				274800	972346	*	01/06/87	3333
		7440-50-8	ASARCO	EL PASO	PRIMARY LEAD SMELTERS	8000	0.0029				314706	1063725	*	01/06/87	3332
	ETHYLENE DICHLORIDE	107-06-2	B. F. Goodrich	LaPorte	PRODUCTION BASELINE	129400	3.95E+00	1.03E-04	0.061	0.000026	294559	950459	*	04/21/86	28
		107-06-2	DOW Chemical	Freeport	PRODUCTION BASELINE	47045	1.52E+01	3.96E-04	0.0016	0.000026	285738	951923	*	04/21/86	28
		107-06-2	DOW Chemical	Oyster Creek	PRODUCTION BASELINE	209500	3.54E+01	9.21E-04	0.013	0.000026	285759	952059	*	04/21/86	28
		107-06-2	Diamond Shamrock	Pasadena	PRODUCTION BASELINE	323900	2.18E+02	5.66E-03	0.21	0.000026	294259	950659	*	04/21/86	28
		107-06-2	Dow/Ethylene Amines	Freeport	EDC OCP BASELINE	5330	7.77E-01	2.02E-05	0.0002	0.000026	285707	951847	*	11/06/87	28
		107-06-2	Formosa	Point Comfort	PRODUCTION BASELINE	208600	6.15E+01	1.60E-03	0.0054	0.000026	284103	963211	*	04/21/86	28
		107-06-2	Shell	Deer Park	PRODUCTION BASELINE	117100	5.17E+01	1.34E-03	0.078	0.000026	294303	950752	*	04/21/86	28
		107-06-2	USI	PortArthur	PRODUCTION BASELINE	27945	1.87E+00	4.85E-05	0.0027	0.000026	295155	935948	*	04/21/86	28
	ETHYLENE OXIDE	75-21-8	Celanese Chemical	Clear Lake	PRODUCTION BASELINE	57203	7.58E-01	7.58E-05	0.10	0.0001	293748	950353		10/06/86	28
		75-21-8	ICI Americas	Bayport	PRODUCTION BASELINE	125390	2.08E+02	2.08E-02	0.22	0.0001	293744	950304		10/06/86	28
		75-21-8	PD Glycol	Beaumont	PRODUCTION BASELINE	28200	3.48E+01	3.48E-03	0.012	0.0001	300326	940233		10/06/86	28
		75-21-8	Texaco	Port Neches	PRODUCTION BASELINE	180922	2.22E+02	2.22E-02	0.11	0.0001	295814	935555		10/06/86	28
		75-21-8	Texas Eastman	Longview	PRODUCTION BASELINE	69910	1.14E+02	1.14E-02	0.028	0.0001	322629	944121		10/06/86	28
		75-21-8	Union Carbide	Seadrift	PRODUCTION BASELINE	61190	1.71E-01	1.71E-05	0.0036	0.0001	283030	964615		10/06/86	28
	METHYLENE CHLORIDE	75-09-2	Dow Chemical	Freeport	CHLOR HC PRODUCTION	108000	9.10E+00	3.73E-05	0.0006	0.0000041	285659	951859		11/20/86	28
		75-09-2	Dow/Polycarbonate	Freeport	MC OCP BASELINE	0	1.61E+01	6.59E-05	0.0002	0.0000041	285937	952457		11/06/87	28
		75-09-2	DuPont	LaPorte	PESTICIDES	350187	3.11E+02	1.28E-03	0.018	0.0000041	294153	950157	*	08/05/86	28
		75-09-2	MOBAY CHEMICALS	BAYTOWN	CHLOR HC USE	142433	1.45E+01	5.94E-05	0.0061	0.0000041	294538	945429	*	11/06/87	28
		75-09-2	MONSANTO	ALVIN	PESTICIDES	82887	1.95E+01	7.98E-05	0.0005	0.0000041	291500	951259	*	08/05/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	900000			0.078	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	DOW OCP/STM TET	Freeport	CHLOR HC USE	73124	1.90E+00	1.10E-06	0.0001	0.00000058	285704	951859	*	05/05/86	28
		127-18-4	Diamond Shamrock	Deer Park	CHLOR HC PRODUCTION	135000	6.27E+00	3.64E-06	0.0010	0.00000058	294355	950642		11/20/86	28

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
TX	PERCHLOROETHYLENE	127-18-4	Dow Chemical 0	Freeport	CHLOR HC PRODUCTION	27100	1.23E+01	7.13E-06	<0.0001	0.00000058	285642	951858	*	11/20/86	28
		127-18-4	Dow Chemical 1	Freeport	CHLOR HC PRODUCTION	4610	3.69E+00	2.14E-06	<0.0001	0.00000058	285928	952331		11/20/86	28
		127-18-4	DuPont	Corpus Christi	CHLOR HC PRODUCTION	0	2.26E+01	1.31E-05	<0.0001	0.00000058	275228	971434		11/20/86	28
		127-18-4	E.I. DUPONT	CORPUS CHRISTI	CFC PRODUCTION	11200	2.25E+01	1.30E-05	<0.0001	0.00000058	275229	0971434		04/25/86	28
		127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1500000			0.017	0.00000058			*	08/26/86	000C
	PHENOL	108-95-2	DOW CHEMICAL	FREEPORT	PHENOL & BIS-PHENOL-A PROD.	489750	1.06E+02				285930	952335	*	05/28/86	28
		108-95-2	SHELL OIL	DEER PARK	PHENOL & BIS-PHENOL-A PROD.	591970	9.05E+00				294330	950615	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	B. F. Goodrich	LaPorte	EDC PRODUCTION	1300	2.33E-02	3.03E-08	<0.0001	0.0000013	294589	950459	*	04/21/86	28
		79-01-6	DOW Chemical	Freeport	EDC PRODUCTION	46000	2.45E+01	3.19E-05	0.0001	0.0000013	285739	951923	*	04/21/86	28
		79-01-6	DOW Chemical	Oyster Creek	EDC PRODUCTION	1300	2.75E-01	3.58E-07	<0.0001	0.0000013	285759	952059	*	04/21/86	28
		79-01-6	Dow Chemical 1	Freeport	CHLOR HC PRODUCTION	63600	3.35E+01	4.36E-05	0.0002	0.0000013	285928	952331		11/20/86	28
		79-01-6	Dow Chemical 2	Freeport	CHLOR HC PRODUCTION	2300	1.84E+00	2.40E-06	<0.0001	0.0000013	285641	951850	*	11/20/86	28
		79-01-6	Formosa	Point Comfort	EDC PRODUCTION	1300	3.36E-02	4.36E-08	<0.0001	0.0000013	284103	963211	*	04/21/86	28
		79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	2400000			0.061	0.0000013			*	08/26/86	000C
		79-01-6	Shell	Deer Park	EDC PRODUCTION	1300	7.29E-02	9.47E-08	<0.0001	0.0000013	294303	950752	*	04/21/86	28
		79-01-6	USI	Port Arthur	EDC PRODUCTION	1300	9.53E-02	1.24E-07	<0.0001	0.0000013	295155	935948	*	04/21/86	28
	VINYL CHLORIDE MONOMER	75-01-4	B. F. Goodrich	LaPorte	EDC PRODUCTION	6690	2.05E-01	8.39E-07	0.0005	0.0000041	294589	950459	*	04/21/86	28
		75-01-4	DOW Chemical	Freeport	EDC PRODUCTION	2800	1.51E+00	6.19E-06	<0.0001	0.0000041	285739	951923	*	04/21/86	28
		75-01-4	DOW Chemical	Oyster Creek	EDC PRODUCTION	7890	1.57E+00	6.43E-06	0.0001	0.0000041	285759	952059	*	04/21/86	28
		75-01-4	Diamond Shamrock	Pasadena	EDC PRODUCTION	10600	7.11E+00	2.91E-05	0.0012	0.0000041	294259	950659	*	04/21/86	28
		75-01-4	Formosa	Point Comfort	EDC PRODUCTION	5700	2.18E+00	8.94E-06	<0.0001	0.0000041	284103	963211	*	04/21/86	28
		75-01-4	Shell	Deer Park	EDC PRODUCTION	12310	3.41E+00	1.40E-05	0.0012	0.0000041	294303	950752	*	04/21/86	28
		75-01-4	USI	Port Arthur	EDC PRODUCTION	3140	2.18E-01	8.94E-07	<0.0001	0.0000041	295155	935948	*	04/21/86	28
	VINYLIDENE CHLORIDE	75-35-4	DOW CHEMICAL	FREEPORT	PROD. AND/OR USERS	0	0.0124	0.00060	0.006	0.00005	285930	952335	*	02/21/85	28
UT	ARSENIC	7440-38-2	KENNECOTT CORP.	GARFIELD	PRIMARY COPPER SMELTERS	32025	0.0144	0.00006	0.14	0.0043	404315	1121153	*	05/01/86	3331
	CHROMIUM	7440-47-3	GENERAL REFRA	LEHI	REFRACTORIES	5	6.73E-06	8.07E-08	0.0001	0.012	401308	1114500	*	03/07/86	32
		7440-47-3	IDEAL CMT.CO.	MORGAN	CEMENT PLANTS	0	5.25E-06	6.30E-08	0.0001	0.012	410342	1113149	*	03/13/86	32
		7440-47-3	LONESTAR	SALTLAKECITY	CEMENT PLANTS	0	9.84E-06	1.18E-07	<0.0001	0.012	404508	1115429	*	03/13/86	32
	COPPER	7440-50-8	KENNECOTT	GARFIELD	PRIMARY COPPER SMELTERS	460000	0.18				404315	1121153	*	01/06/87	3331
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	110000			0.02	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	160000			0.0028	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	230000			0.01	0.0000013			*	08/26/86	000C
VA	CADMIUM	7440-43-9	HYMAN VIENER	RICHMOND	SECONDARY LEAD SMELTER	0	1.38E-04	3.17E-07	0.0001	0.0023	373110	772454	*	06/07/87	33
	CHLOROFORM	67-66-3	CHESAPEAKE CORP.	WEST POINT	MISC. INTEGR. OPER.	9308	2.36E+01	5.46E-04	0.0006	0.000023	373218	764817	*	04/02/86	26
		67-66-3	HERCULES INC.	HOPEWELL	MISC. INTER. OPER.	7848	2.01E+01	4.62E-04	0.0019	0.000023	371802	771602	*	04/02/86	26
		67-66-3	UNION CAMP	FRANKLIN	MISC. INTER. OPER.	23579	3.06E+01	7.04E-04	0.0021	0.000023	364040	765443	*	04/02/86	26
		67-66-3	WESTVACO	COVINGTON	MISC. INTER. OPER.	20477	2.20E+01	5.05E-04	0.0033	0.000023	374751	795936	*	04/02/86	26
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	410000			0.049	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	850000			0.012	0.00000058			*	08/26/86	000C
	PHENOL	108-95-2	ALLIED CHEMICAL	HOPEWELL	CAPROLACTAM/ADIPIC ACID PROD	231810	8.84E+01				372213	771808	*	05/28/86	28
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1100000			0.041	0.0000013			*	08/26/86	000C
VT	CHLOROFORM	67-66-3	PUTNEY PAPER	PUTNEY	DEINK TISSUE OPER.	3833	5.09E+00	1.17E-04	0.0002	0.000023	424946	723259	*	04/02/86	26
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	92000			0.0037	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	99000			0.0005	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	200000			0.0024	0.0000013			*	08/26/86	000C
WA	CADMIUM	7440-43-9	QUEMETCO	SEATLE	SECONDARY LEAD SMELTER	0	1.36E-03	3.18E-06	0.0004	0.0023	473444	1222104	*	06/07/87	33
	CHLOROFORM	67-66-3	CROWN ZELLERBACH	CAMAS	MISC. INTEG. OPER.	84425	1.43E+02	3.26E-03	0.027	0.000023	453501	1222422	*	04/02/86	26
		67-66-3	GEORGIA PACIFIC	BELLINGHAM	PAPERGRADE SULFITE	126947	3.15E+02	7.24E-03	0.058	0.000023	484453	1222907	*	04/02/86	26
		67-66-3	ITT RAYONIER	HOQUIAM	DISS. SULFITE PULP	9417	1.37E+01	3.15E-04	0.0013	0.000023	465814	1235221	*	04/02/86	26
		67-66-3	ITT RAYONIER	PORT ANGELES	DISS. SULFITE PULP	13578	3.95E+01	9.06E-04	0.0028	0.000023	480701	1232414	*	04/02/86	26
		67-66-3	LONGVIEW FIBER	LONGVIEW	MISC. INTEGR. OPER.	43472	1.00E+02	2.30E-03	0.0069	0.000023	460613	1225505	*	04/02/86	26
		67-66-3	SCOTT PAPER	EVERETT	PAPERGRADE SULFITE	167900	4.86E+02	1.12E-02	0.15	0.000023	475901	1221256	*	04/02/86	26
		67-66-3	ST. REGIS PAPER	TACOMA	MISC. INTEGR. OPER.	20696	1.03E+02	2.37E-03	0.020	0.000023	471600	1222538	*	04/02/86	26
		67-66-3	WEYERHAEUSER	CORNOPOLIS	DISS. SULFITE PULP	8385	1.22E+01	2.81E-04	0.0010	0.000023	465709	1234552	*	04/02/86	26
		67-66-3	WEYERHAEUSER	EVERETT	NKT BLCHD KRAFT	48290	1.40E+02	3.23E-03	0.025	0.000023	480006	1221319	*	04/02/86	26

TABLE 30. SELECTED EPA RISK ANALYSIS INFORMATION BY STATE

ST	POLLUTANT	CAS NO.	PLANT NAME	CITY/COUNTY	SOURCE CATEGORY	EMISS KG/YR	MAX CONC UG/M3	MAX RISK	ANNUAL INCID	UNIT RISK	LATI-TUDE	LONGI-TUDE	Q A	UPDATED	SIC
WA	CHLOROFORM	67-66-3	WEYERHAEUSER	LONGVIEW	MISC. INTEG. OPER.	31244	1.53E+01	3.53E-04	0.0069	0.000023	460744	1225853	*	04/02/86	26
	CHROMIUM	7440-47-3	COLUMBIA CMT.	BELLINGHAM	CEMENT PLANTS	0	4.41E-05	5.29E-07	<0.0001	0.012	484608	1223124	*	03/13/86	32
		7440-47-3	IDEALBASICIND.	SEATTLE	CEMENT PLANTS	0	1.86E-05	2.24E-07	0.0001	0.012	473309	1222030	*	03/13/86	32
		7440-47-3	JORGENSEN	SEATTLE	SPECIALTY STEEL	5	1.37E-03	1.65E-05	0.0002	0.012	471159	1220159	*	03/07/86	33
		7440-47-3	LEHIGH PORT. CMT	METALINEFALLS	CEMENT PLANTS	0	1.06E-04	1.28E-06	<0.0001	0.012	485130	1172209	*	03/13/86	32
		7440-47-3	OREGON PORTLAND	SEATTLE	CEMENT PLANTS	0	2.78E-05	3.34E-07	0.0002	0.012	473407	1222029	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	290000			0.053	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	520000			0.014	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	620000			0.035	0.0000013			*	08/26/86	000C
WI	CHLOROFORM	67-66-3	AMERICAN CAN CO.	ASHLAND	DEINK TISSUE OPER.	2409	3.15E+00	7.25E-05	<0.0001	0.000023	411217	910233	*	04/02/86	26
		67-66-3	AMERICAN CAN CO.	GREEN BAY	PAPERGRADE SULFITE	4928	6.94E+00	1.60E-04	0.0016	0.000023	443122	880027	*	04/02/86	26
		67-66-3	BADGER PAPER	PESHTIGO	PAPERGRADE SULFITE	4928	6.94E+00	1.60E-04	0.0002	0.000023	450319	874438	*	04/02/86	26
		67-66-3	BERGSTROM PAPER	NEENAH	DEINK FINE PAPER	23616	3.32E+01	7.66E-04	0.0098	0.000023	441138	882731	*	04/02/86	26
		67-66-3	BROWN CO.	EAU CLAIRE	DEINK TISSUE OPER.	7665	8.09E+00	1.86E-04	0.0019	0.000023	444942	913039	*	04/02/86	26
		67-66-3	BROWN CO.	EAST LADYSMITH	DEINK TISSUE OPER.	2884	2.02E+00	6.64E-05	0.0002	0.000023	452740	910501	*	04/02/86	26
		67-66-3	CONSOLIDATED PAPERS	APPLETON	PAPERGRADE SULFITE	4928	6.94E+00	1.60E-04	0.0023	0.000023	441548	882258	*	04/02/86	26
		67-66-3	CONSOLIDATED PAPERS	WISCONSIN RAPID	NKT BLCHD KRAFT	14746	2.31E+01	5.32E-04	0.0028	0.000023	442342	894933	*	04/02/86	26
		67-66-3	FLAMBEAU PAPER	PARK FALLS	PAPERGRADE SULFITE	20477	2.16E+01	4.97E-04	0.0005	0.000023	455601	902644	*	04/02/86	26
		67-66-3	FORT HOWARD PAPER	GREEN BAY	DEINK TISSUE OPER.	3933	1.14E+00	2.62E-05	0.0013	0.000023	442925	880200	*	04/02/86	26
		67-66-3	NEKOOSA	PORT EDWARDS	SODA & KFT FINE PAPR	17192	2.70E+01	6.20E-04	0.0009	0.000023	442015	895134	*	04/02/86	26
		67-66-3	NEKOOSA	PORT EDWARDS	PAPERGRADE SULFITE	35223	5.53E+01	1.27E-03	0.0020	0.000023	441847	895346	*	04/02/86	26
		67-66-3	PROCTOR & GAMBLE	GREEN BAY	PAPERGRADE SULFITE	52414	7.38E+01	1.70E-03	0.015	0.000023	443129	880009	*	04/02/86	26
		67-66-3	ST. REGIS PAPER	RHINELANDER	PAPERGRADE SULFITE	47523	6.69E+01	1.54E-03	0.0045	0.000023	453822	892529	*	04/02/86	26
		67-66-3	WARD PAPER	MERRILL	DEINK FINE PAPER	2957	4.16E+00	9.57E-05	0.0003	0.000023	451038	894052	*	04/02/86	26
		67-66-3	WAUSAU PAPER	BROKAW	PAPERGRADE SULFITE	29492	3.22E+01	7.40E-04	0.0026	0.000023	450127	893904	*	04/02/86	26
		67-66-3	WEYERHAEUSER	ROTHSCHILD	PAPERGRADE SULFITE	36026	5.07E+01	1.17E-03	0.0035	0.000023	445116	893728	*	04/02/86	26
		67-66-3	WISCONSIN TISSUE	MENOSHA	DEINK TISSUE OPER.	3358	4.73E+00	1.09E-04	0.0015	0.000023	441158	882704	*	04/02/86	26
	CHROMIUM	7440-47-3	MEDUSA CMT.CO.	MANITOWOC	CEMENT PLANTS	0	1.86E-06	2.23E-08	<0.0001	0.012	440342	874008	*	03/13/86	32
		7440-47-3	NATIONALGYPSUM CO.	SUPERIOR	CEMENT PLANTS	0	3.65E-05	4.38E-07	<0.0001	0.012	464356	920423	*	03/13/86	32
		7440-47-3	ST. MARYS	MILWAUKEE	CEMENT PLANTS	0	1.30E-05	1.56E-07	0.0001	0.012	430145	875513	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	370000			0.034	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	530000			0.0067	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	850000			0.024	0.0000013			*	08/26/86	000C
WV	BUTADIENE,1,3-	106-99-0	BORG-WARNER	WASHINGTON	SBR FACILITIES	399500	2.36E+02	6.60E-02	0.57	0.00028	391520	814036		05/13/86	28
	CARBON TETRACHLORIDE	56-23-3	Diamond Shamrock	Belle	CHLOR HC PRODUCTION	28100	4.30E+01	6.45E-04	0.0039	0.000015	381359	813248		11/20/86	28
		56-23-3	LCP Chemicals	Moundsville	CHLOR HC PRODUCTION	38900	7.46E+01	1.12E-03	0.0040	0.000015	395039	804809		11/20/86	28
	CHLOROFORM	67-66-3	Diamond Shamrock	Belle	CHLOR HC PRODUCTION	89300	8.13E+01	1.87E-03	0.017	0.000023	381359	813248		11/20/86	28
		67-66-3	LCP Chemicals	Moundsville	CHLOR HC PRODUCTION	83200	1.42E+02	3.26E-03	0.013	0.000023	395039	804809		11/20/86	28
	CHROMIUM	7440-47-3	CAPITAL	MARTINSBURG	CEMENT PLANTS	0	1.45E-05	1.74E-07	<0.0001	0.012	392607	775856	*	03/13/86	32
		7440-47-3	CORHART	BUCKHANNON	REFRACTORIES	31	1.85E-02	2.21E-04	0.0005	0.012	390003	801503		03/07/86	32
		7440-47-3	NATIONAL STEEL	WEIRTON	BOPF'S	2	2.57E-05	3.08E-07	0.0001	0.012	402359	803507	*	03/07/86	33
	METHYLENE CHLORIDE	75-09-2	Diamond Shamrock	Belle	CHLOR HC PRODUCTION	114000	1.49E+02	6.10E-04	0.0041	0.0000041	381359	813248		11/20/86	28
		75-09-2	LCP Chemicals	Moundsville	CHLOR HC PRODUCTION	165000	2.81E+02	1.15E-03	0.0046	0.0000041	395039	804809		11/20/86	28
		75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	57000			0.0032	0.0000041			*	08/26/86	000C
		75-09-2	UNION CARBIDE	INSTITUTE	PESTICIDES	43207	5.48E+01	2.25E-04	0.0023	0.0000041	382257	814624	*	08/05/86	28
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	110000			0.0009	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	190000			0.0033	0.0000013			*	08/26/86	000C
WY	CHROMIUM	7440-47-3	MONOLITH PORT.MIDWST	LARAMIE	CEMENT PLANTS	0	1.09E-05	1.30E-07	<0.0001	0.012	411652	1053631	*	03/13/86	32
	METHYLENE CHLORIDE	75-09-2	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	1200			0.0001	0.0000041			*	08/26/86	000C
	PERCHLOROETHYLENE	127-18-4	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	3400			<0.0001	0.00000058			*	08/26/86	000C
	TRICHLOROETHYLENE	79-01-6	SIC'S 25,34,36,37,39		DEGREASING, STATEWIDE	5500			0.0001	0.0000013			*	08/26/86	000C

APPENDIX A

PERMIT DESCRIPTIONS

Appendix A provides a complete description of each permit case listed in Tables 22 and 23 in Section 10. Permit cases are described in consecutive order by access number. Each description contains information on agency name, permitting contact and phone number, permit ID number, facility category, SIC Code, year permit issued, last year amended, control equipment, Source Classification Codes (SCC) as available, pollutant names, CAS numbers, emission limits, source of emissions, and comments. Note that a permitted emission limit of 0.0000 may not necessarily mean 0. It may mean that the limit was not submited or that the concentration is less than 0.0001 (1/10,000).

ACCESS #: 73699 PERMIT ID NO: 3724-136-9493

AGENCY: GA DEPT. OF NATURAL RESOURCES, AIR PROTECTION BRANCH
PERMITTING CONTACT: JOHN W. MITCHELL
STATE: GA NOTABLE: Y
PHONE: (404) 656-6900

FACILITY CATEGORY: FINAL METAL FINISHING
4-DIGIT SIC CODE: 3724
YEAR PERMIT ISSUED: 1986
LAST YEAR AMENDED:

CONTROL EQUIPMENT: AID MIST SCRUBBER
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	HYDROGEN FLUORIDE	7664 39-3	0.6500	LB/HR	ETCHING
	NITRIC ACID	7697-37-2	0.6500	LB/HR	ETCHING
	TRICHLOROETHANE,1,1,1-	71-55-6	2.3000	LB/HR	VAPOR DEGREASOR

ACCESS #: 73707 PERMIT ID NO: 8391

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT
PERMITTING CONTACT: ERIC SKELTON
STATE: CA NOTABLE: Y
PHONE: (916) 366-2107

FACILITY CATEGORY: LANDFILL GAS RECOVERY
4-DIGIT SIC CODE: 4953
YEAR PERMIT ISSUED: 1987
LAST YEAR AMENDED:

CONTROL EQUIPMENT: SYSTEM IS CAPPED
COMMENTS: SYSTEM IS NON-OPERATIONAL. IT HAS BEEN INSTALLED IN A HAZARDOUS WASTE DISPOSAL SITE AS A CONTINGENCY TO ACCOMMODATE LANDFILL GAS PRESSURE BUILDUP.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	BENZENE	71-43-2	0.0000	LB/DAY	PROCESS
	DICHLOROETHYLENE,1,1-	75-35-4	0.0000	LB/DAY	PROCESS
	METHYLENE CHLORIDE	75-09-2	0.0000	LB/DAY	PROCESS
	TETRACHLOROETHYLENE	127-18-4	0.0000	LB/DAY	PROCESS
	TRICHLOROETHYLENE	79-01-6	0.0000	LB/DAY	PROCESS
	VINYL CHLORIDE	75-01-4	0.0000	LB/DAY	PROCESS

ACCESS #: 73710 PERMIT ID NO: 8459

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT
STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON
PHONE: (916) 366-2107

FACILITY CATEGORY: GROUNDWATER CLEANUP (INDUSTRAL POLLUTION)
4-DIGIT SIC CODE: 4959
YEAR PERMIT ISSUED: 1986

CONTROL EQUIPMENT: PROCESS RATE CONTROL
LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	CHLOROFORM	67-66-3	0.0800	LB/DAY	PROCESS
	DICHLOROETHANE,1,1-	75-34-3	0.2000	LB/DAY	PROCESS
	DICHLOROETHYLENE,1,1-	75-35-4	0.2000	LB/DAY	PROCESS
	TRICHLOROETHYLENE	79-01-6	0.3000	LB/DAY	PROCESS
	TRICHLOROTRIFLUOROMETHANE,1,1,2-	76-13-1	3.8000	LB/DAY	PROCESS

ACCESS #: 73711 PERMIT ID NO: 8404,8405,8406

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT
STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON
PHONE: (916) 366-2107

FACILITY CATEGORY: RESIN MANUFACTURING
4-DIGIT SIC CODE: 2821
YEAR PERMIT ISSUED: 0000

CONTROL EQUIPMENT: CONDENSERS, VACUUM PUMPS
LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-999-99	FORMALDEHYDE	50-00-0	3.4000	LB/DAY	PROCESS

ACCESS #: 73712

PERMIT ID NO: 8392,8393

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT
PERMITTING CONTACT: ERIC SKELTON

STATE: CA NOTABLE: Y
PHONE: (916) 366-2107

FACILITY CATEGORY: GROUNDWATER CLEANUP
(INDUSTRIAL POLLUTION)

4-DIGIT SIC CODE: 4959

YEAR PERMIT ISSUED: 1987
LAST YEAR AMENDED:

CONTROL EQUIPMENT: FUME INCINERATOR
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	BENZENE	71-43-2	0.0010	LB/DAY	PROCESS
	CHLOROFORM	67-66-3	0.0030	LB/DAY	PROCESS
	DICHLOROETHYLENE,1,1-	75-35-4	0.0750	LB/DAY	PROCESS
	ETHYLENE DICHLORIDE	107-06-2	0.0001	LB/DAY	PROCESS
	METHYLENE CHLORIDE	75-09-2	0.0140	LB/DAY	PROCESS
	TETRACHLOROETHYLENE	127-18-4	0.0030	LB/DAY	PROCESS
	TRICHLOROETHYLENE	79-01-6	0.0310	LB/DAY	PROCESS
	VINYL CHLORIDE	75-01-4	0.0040	LB/DAY	PROCESS

ACCESS #: 73713

PERMIT ID NO: 8705

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT
PERMITTING CONTACT: ERIC SKELTON

STATE: CA NOTABLE: Y
PHONE: (916) 366-2107

FACILITY CATEGORY: GROUNDWATER CLEANUP
(INDUSTRIAL POLLUTION)

4-DIGIT SIC CODE: 4959

YEAR PERMIT ISSUED: 1987
LAST YEAR AMENDED:

CONTROL EQUIPMENT: PROCESS RATE CONTROL
COMMENTS: POLLUTANTS ARE STRIPPED FROM THE WATER AND VENTED TO THE ATMOSPHERE.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	CHLOROFORM	67-66-3	8.0000		PROCESS
	DICHLOROETHYLENE,1,1-	75-35-4	0.2000		PROCESS
	DICHLOROETHYLENE,1,2-,TRANS-	156-60-5	0.0000		PROCESS
	ETHYLENE DICHLORIDE	107-06-2	2.0000	LB/DAY	PROCESS
	TRICHLOROETHYLENE	79-01-6	30.0000	LB/DAY	PROCESS

ACCESS #: 73719 PERMIT ID NO: CT-564

AGENCY: WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. STATE: WY NOTABLE: Y
PERMITTING CONTACT: BRENDA DAILEY PHONE: (307) 777-7391

FACILITY CATEGORY: NITROGENOUS FERTILIZER PLANT (WYCON) 4-DIGIT SIC CODE: 2873
YEAR PERMIT ISSUED: 1984
CONTROL EQUIPMENT: NONE SPECIFIED LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-027-11	AMMONIA	7664-41-7	22.2000	LBS/HR	NEUTRALIZER

ACCESS #: 73720 PERMIT ID NO: CT-550

AGENCY: WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. STATE: WY NOTABLE: Y
PERMITTING CONTACT: BRENDA DAILEY PHONE: (307) 777-7391

FACILITY CATEGORY: PHOSPHATIC FERTILIZER PLANT (CHEVRON) 4-DIGIT SIC CODE: 2874
YEAR PERMIT ISSUED: 1984
CONTROL EQUIPMENT: SYSTEM OF WET SCRUBBERS LAST YEAR AMENDED: 1986
COMMENTS: TWO IDENTICAL PLANTS AT SAME FACILITY.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-030-02	AMMONIA	7664-41-7	750.0000	LBS/HR	AMMON. PHOS. PLANT

ACCESS #: 73721 PERMIT ID NO: CT-518

AGENCY: WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. STATE: WY NOTABLE: Y
PERMITTING CONTACT: BRENDA DAILEY PHONE: (307) 777-7391

FACILITY CATEGORY: POLYMER PLANT 4-DIGIT SIC CODE: 2821
YEAR PERMIT ISSUED: 1983
CONTROL EQUIPMENT: WET SCRUBBER LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-018-22	ACRYLAMIDE	79-06-1	0.0000	G/S	PROCESS AND STORAGE
3-01-018-22	ACRYLONITRILE	107-13-1	0.0001	G/S	PROCESS AND STORAGE
3-01-018-22	AMMONIA	7664-41-7	0.0034	G/S	PROCESS AND STORAGE

ACCESS #: 73722 PERMIT ID NO: CT-672

AGENCY: WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. STATE: WY NOTABLE: Y
PERMITTING CONTACT: BRENDA DAILEY PHONE: (307) 777-7391

FACILITY CATEGORY: CHEMICAL MANUFACTURE: ARSENIC ACID 4-DIGIT SIC CODE: 2879
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: SCRUBBER, DEMISTER LIMITED HOURS OF OPERATION . LAST YEAR AMENDED: 1987
COMMENTS:

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-033-99	ARSENIC AND COMPOUNDS AS AS	7440-38-2	0.0008	G/S	PROCESS

ACCESS #: 73723 PERMIT ID NO: CT-511

AGENCY: WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. STATE: WY NOTABLE: Y
PERMITTING CONTACT: BRENDA DAILEY PHONE: (307) 777-7391

FACILITY CATEGORY: CHEMICAL TRANSFER STATION 4-DIGIT SIC CODE: 2869
YEAR PERMIT ISSUED: 1983
CONTROL EQUIPMENT: CARBON CANISTERS 99% CONTROL LAST YEAR AMENDED:
COMMENTS:

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-830-01	ACRYLAMIDE	79-06-1	0.0000	G/S	FUGITIVE & HANDLING
3-01-830-01	ACRYLONITRILE	107-13-1	0.0000	G/S	FUGITIVE & HANDLING

ACCESS #: 73724 PERMIT ID NO: CT-517

AGENCY: WY DEPT. OF ENV. QUALITY, AIR QUALTIY DIV. STATE: WY NOTABLE: Y
PERMITTING CONTACT: BRENDA DAILEY PHONE: (307) 777-7391

FACILITY CATEGORY: POLYMER PLANT 4-DIGIT SIC CODE: 2821
YEAR PERMIT ISSUED: 1983
CONTROL EQUIPMENT: WET SCRUBBER LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-018-22	ACRYLAMIDE	79-06-1	0.0000	G/S	PROCESS AND STORAGE
3-01-018-22	ACRYLONITRILE	107-13-1	0.0000	G/S	PROCESS AND STORAGE
3-01-018-22	AMMONIA	7664-41-7	0.0010	G/2	PROCESS

ACCESS #: 73725 PERMIT ID NO: 2819-063-9597

AGENCY: GA DEPT. OF NATURAL RESOURCES, AIR PROTECTION BRANCH STATE: GA NOTABLE: Y
PERMITTING CONTACT: JOHN W. MITCHELL PHONE: (404) 656-6900

FACILITY CATEGORY: RESIN PRODUCTION 4-DIGIT SIC CODE: 2819
YEAR PERMIT ISSUED: 1987
CONTROL EQUIPMENT: CONDENSER LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	XYLENE	1330-20-7	0.6500	LBS/HR	SOLV. RECOVERY PROC.

ACCESS #: 73726 PERMIT ID NO: 2834-121-9479

AGENCY: GA DEPT. OF NATURAL RESOURCES, AIR PROTECTION BRANCH STATE: GA NOTABLE: Y
PERMITTING CONTACT: JOHN W. MITCHELL PHONE: (404) 656-6900

FACILITY CATEGORY: BULK PHARMACEUTICAL MFG. 4-DIGIT SIC CODE: 2834
YEAR PERMIT ISSUED: 1987
CONTROL EQUIPMENT: CONDENSERS LAST YEAR AMENDED:
COMMENTS: FIGURES ARE EXPECTED AVERAGE EMISSION RATES WHICH RESULT IN 24 HOUR CONCENTRATIONS BELOW GEORGIA GUIDELINES FOR ACCEPTABLE 24 HOUR CONCENTRATIONS.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	ACETONE	67-64-1	3.0700	LBS/HR	PHARMACEUTICAL MFG.
	AMMONIA	7664-41-7	3.8100	LBS/HR	PHARMACEUTICAL MFG.
	ETHANOL	64-17-5	5.8700	LBS/HR	PHARMACEUTICAL MFG.
	ETHYL ACETATE	114-78-6	4.4900	LBS/HR	PHARMACEUTICAL MFG.
	HEPTANE	142-82-5	2.3000	LBS/HR	PHARMACEUTICAL MFG.
	METHANOL	67-56-1	1.8200	LBS/HR	PHARMACEUTICAL MFG.
	TETRAHYDROFURAN	109-99-9	4.6000	LBS/HR	PHARMACEUTICAL MFG.

ACCESS #: 73729 PERMIT ID NO: 86-A-041A

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
PERMITTING CONTACT: BILL YOUNGQUIST PHONE: (515) 281-8924

FACILITY CATEGORY: INDUSTRIAL INORGANIC CHEMICALS 4-DIGIT SIC CODE: 2810
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: SCRUBBER LAST YEAR AMENDED:
COMMENTS: PERMIT 86-A-041A AND PERMIT 86-A041 ARE THE SAME PERMITS, BUT DUE TO NATICH DATABASE RESTRICTIONS THEY HAVE BEEN IDENTIFIED AS SEPERATE PERMITS.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	HYDROGEN CHLORIDE	7647-01-0	0.6400	TN/YR	TRANSFER STATION

ACCESS #: 73730 PERMIT ID NO: 86-A-041

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
PERMITTING CONTACT: BILL YOUNGQUIST PHONE: (515) 281-8924

FACILITY CATEGORY: INDUSTRIAL INORGANIC CHEMICALS 4-DIGIT SIC CODE: 2810
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: SCRUBBER LAST YEAR AMENDED:
COMMENTS: PERMIT 86-A-041 AND PERMIT 86-A-041A ARE THE SAME PERMITS, BUT DUE TO NATICH DATABASE RESTRICTIONS THEY HAVE BEEN IDENTIFIED AS SEPERATE PERMITS.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	HYDROGEN CHLORIDE	7647-01-0	0.2700	LBS/HR	TRANSFER STATION

ACCESS #: 73731 PERMIT ID NO: 86-A-011

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
PERMITTING CONTACT: BILL YOUNGQUIST PHONE: (515) 281-8924

FACILITY CATEGORY: PESTICIDES AND AGRICULTURAL CHEMICALS 4-DIGIT SIC CODE: 2879
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: FABRIC DUST COLLECTOR LAST YEAR AMENDED:
COMMENTS: CARBAMATE PESTICIDE BROOT

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	TRIMETHYLPHENYL N-METHYLCARBAMATE	58784-13-7	0.0600	GR/SCF	PROCESS

ACCESS #: 73732 PERMIT ID NO: 86-A-010

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
PERMITTING CONTACT: BILL YOUNGQUIST PHONE: (515) 281-8924

FACILITY CATEGORY: PESTICIDES AND AGRICULTURAL CHEMICALS 4-DIGIT SIC CODE: 2879
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: FABRIC DUST COLLECTOR LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	AMIBEN	133-90-4	0.1000	GR/SCF	PROCESS

ACCESS #: 73733 PERMIT ID NO: 85-A-1385A

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
PERMITTING CONTACT: BILL YOUNGQUIST PHONE: (515) 281-8924

FACILITY CATEGORY: PESTICIDES AND AGRICULTURAL CHEMICALS 4-DIGIT SIC CODE: 2879
YEAR PERMIT ISSUED: 1985
CONTROL EQUIPMENT: AFTERBURER LAST YEAR AMENDED:
COMMENTS: PERMIT 85-A-1385 AND PERMIT 85-A-1385A ARE THE SAME PERMIT, BUT DUE TO NATICH DATABASE RESTRICTIONS THEY HAVE BEEN SEPERATED.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	ALACHLOR	15972-60-8	43.8000	LBS/YR	PROCESS

ACCESS #: 73743 PERMIT ID NO: NC 2830

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: PIPELINE FOR REFINED PETROLEUM 4-DIGIT SIC CODE: 4613
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: TWO CATALYTIC AFTERBURNERS LAST YEAR AMENDED:
COMMENTS: GASOLINE AND OTHER PETROLEUM VAPORS FROM A PIPELINE LEAK VENTED THROUGH 2 CATALYTIC BURNERS. SOURCE TEST TO DETERMINE COMBUSTION EFFICIENCY. TEMPERATURE RISE ACROSS CATALYTIC BED MONITORED AND RECORDED.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	BENZENE	71-43-2	0.0000		
	GASOLINE	8006-61-9	0.0000		

ACCESS #: 73745 PERMIT ID NO: NC 2797

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: ASPHALT SATURATOR 4-DIGIT SIC CODE: 2952
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: SMOG HOG ESP LAST YEAR AMENDED:
COMMENTS: CONDITIONS- (1)SOURCE TEST (2) TEMPERATURE MONITORING OF ESP INLET GAS (3) OPACITY LIMIT BASED ON OPACITY DURING SOURCE TEST. SUBJECT TO SUBPART UU OF 40 CFR 60.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-05-001-04	ASPHALT (PETROLEUM) FUMES	8052-42-4	40.0000	G/MG	FELT SAT.SPRAY/DIP

ACCESS #: 73747 PERMIT ID NO: NC 2735

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: ASPHALT ROOFING MANUFACTURE 4-DIGIT SIC CODE: 2952
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: HEPA FILTER LAST YEAR AMENDED:
COMMENTS: MIXING OF ASBESTOS INTO ASPHALT ROOFING MATERIAL.

ACCESS #: 73748 PERMIT ID NO: NC 2831

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: WOOD PRESERVING 4-DIGIT SIC CODE: 2491
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: VERTICAL TUBE & SHELL CONDENSOR LAST YEAR AMENDED:
COMMENTS: TEMPERATURE MONITOR ON CONDENSOR OUTLET. PSAPCA BOARD RESOLUTION NO. 596. ODOR CONTROL NO EMISSION LIMIT.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-07-005-01	NAPHTHALENE	91-20-3	0.0000		CREOSOTE WD PRES.TRT

ACCESS #: 73749 PERMIT ID NO: NC 2748

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: WOOD PRESERVING 4-DIGIT SIC CODE: 2491
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: VERTICAL TUBE & SHELL CONDENSOR LAST YEAR AMENDED:
COMMENTS: TEMPERATURE MONITOR ON CONDENSOR OUTLET;
PSAPCA BOARD RESOLUTION NO. 596. ODOR CONTROL.
NO EMISSION LIMIT.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-07-005-01	NAPHTHALENE	91-20-3	0.0000		CREOSOTE WD PRES.TRT

ACCESS #: 73751 PERMIT ID NO: NC 2854

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: SEMICONDUCTOR MANUFACTURE 4-DIGIT SIC CODE: 3674
YEAR PERMIT ISSUED: 1987
CONTROL EQUIPMENT: HARRINGTON PACKED TOWER SCRUBBER, LAST YEAR AMENDED:
TRI-MER PACKED TOWER SCRUBBER
COMMENTS: CONTROL BY TECHNOLOGY, NOT EMISSION LIMITS.
EMERGENCY RESPONSE PLAN IN FILE.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-04-020-99	AMMONIA	7664-41-7	0.0000		ELECTRONIC MANUFAC.
3-04-020-99	ARSINE	7784-42-1	0.0000		ELECTRONIC MANUFAC.
3-04-020-99	CHLORINE	7782-50-5	0.0000		ELECTRONIC MANUFAC.
3-04-020-99	HYDRAZINE	302-01-2	0.0000		ELECTRONIC MANUFAC.
3-04-020-99	HYDROGEN CHLORIDE	7647-01-0	0.0000		ELECTRONIC MANUFAC.
3-04-020-99	HYDROGEN FLUORIDE	7664-39-3	0.0000		ELECTRONIC MANUFAC.

ACCESS #: 73752 PERMIT ID NO: NC 2767

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: PORTLAND CEMENT PLANT 4-DIGIT SIC CODE: 3241
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: LAST YEAR AMENDED: 1987
COMMENTS: A LIMITS OF POLLUTANTS WILL BE BASED ON SOURCE TEST TO BE CONDUCTED IN APRIL, 1987. TIRE DERIVED FUEL (TDF) TO BE BURNT IN CEMENT KILN.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-05-006-06	BENZO(A)PYRENE	50-32-8	0.0000		KILN
3-05-006-06	CADMIUM	7440-43-9	0.0000		KILN
3-05-006-06	CHROMIUM	7440-47-3	0.0000		KILN
3-05-006-06	COPPER	7440-50-8	0.0000		KILN
3-05-006-06	ZINC	7440-66-6	0.0000		KILN

ACCESS #: 73763 PERMIT ID NO: NC2830

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: PIPELINE FOR REFINED PETROLEUM 4-DIGIT SIC CODE: 4613
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: TWO CATALYTIC AFTERBURNERS LAST YEAR AMENDED:
COMMENTS: GASOLINE AND OTHER PETROLEUM VAPORS FROM A PIPELINE LEAK VENTED THROUGH 2 CATALYTIC BURNERS. SOURCE TEST TO DETERMINE COMBUSTION EFFICIENCY. TEMPERATURE RISE ACROSS CATALYTIC BED MONITORED AND RECORDED.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	BENZENE	71-43-2	0.0000		
	GASOLINE	8006-61-9	0.0000		

ACCESS #: 73765 PERMIT ID NO: NC2797

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: ASPHALT SATURATOR 4-DIGIT SIC CODE: 2952
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: SMOG HOG ESP LAST YEAR AMENDED:
COMMENTS: CONDITIONS- (1) SOURCE TESTING, (2) TEMPERATURE MONITORING OF ESP INLET GAS, (3) OPACITY LIMIT BASED ON OPACITY DURING SOURCE TEST. SUBJECT TO SUBPART UU OF 40 CFR 60.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	TRICHLOROETHANE,1,1,1-	71-55-6	0.0000		
3-05-001-04	ASPHALT (PETROLEUM) FUMES	8052-42-4	40.0000	G/MG	FELT SATURAT.SPR/DIP

ACCESS #: 73767 PERMIT ID NO: NC2735

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: ASPHALT ROOFING MANUFACTURE 4-DIGIT SIC CODE: 2952
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: HEPA FILTER LAST YEAR AMENDED:
COMMENTS: MIXING OF ASBESTOS INTO ASPHALT ROOFING MATERIAL.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-05-001-98	OLIVINE	1317-71-1	0.0000		ASPHALT ROOF.MATER.

ACCESS #: 73768 PERMIT ID NO: NC2831

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: WOOD PRESERVING 4-DIGIT SIC CODE: 2491
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: VERTICAL TUBE AND SHELL CONDENSOR LAST YEAR AMENDED:
COMMENTS: TEMPERATURE MONITOR ON CONDENSOR OUTLET; PSAPCA BOARD RESOLUTION NO. 596

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-07-005-01	NAPHTHALENE	91-20-3	0.0000		CREOSOTE WD.PRES.TRT

ACCESS #: 73769 PERMIT ID NO: NC2748

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: WOOD PRESERVING 4-DIGIT SIC CODE: 2491
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: VERTICAL TUBE AND SHELL CONDENSOR LAST YEAR AMENDED:
COMMENTS: TEMPERATURE MONITOR ON CONDENSOR OUTLET;
PSAPCA BOARD RESOLUTION NO. 596

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-07-005-01	NAPHTHALENE	91-20-3	0.0000		CREOSOTE WD.PRES.TRT

ACCESS #: 73771 PERMIT ID NO: NC2854

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: SEMICONDUCTOR MANUFACTURE 4-DIGIT SIC CODE: 3674
YEAR PERMIT ISSUED: 1987
CONTROL EQUIPMENT: HARRINGTON PACKED TOWER SCRUBBER, TRI-MER PACKED TOWER SCRUBBER LAST YEAR AMENDED:
COMMENTS: EMERGENCY RESPONSE PLAN IN FILE.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	ARSINE	7784-42-1	0.0000		
	CHLORINE	7782-50-5	0.0000		
	HYDRAZINE	302-01-2	0.0000		
	HYDROGEN CHLORIDE	7647-01-0	0.0000		
	HYDROGEN FLUORIDE	7664-39-3	0.0000		
	PHOSPHINE	7803-51-2	0.0000		
	SILANE	7803-62-5	0.0000		
3-04-020-99	AMMONIA	7664-41-7	0.0000		

ACCESS #: 73772 PERMIT ID NO: NC2767

AGENCY: PUGET SOUND AIR POLLUTION CONTROL AGENCY STATE: WA NOTABLE: Y
PERMITTING CONTACT: HARRY WATTERS PHONE: (206) 344-7334

FACILITY CATEGORY: PORTLAND CEMENT PLANT 4-DIGIT SIC CODE: 3241
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: LAST YEAR AMENDED: 1987
COMMENTS: A LIMITS OF POLLUTANTS WILL BE BASED ON SOURCE TESTS TO BE CONDUCTED IN APRIL 1987. TIRE DERIVED FUEL (TDF) TO BE BURNED IN CEMENT KILN.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	CADMIUM	7440-43-9	0.0000	TBD	
	CHROMIUM	7440-47-3	0.0000	TBD	
	COPPER	7440-50-8	0.0000	TBD	
	LEAD POWDER	7439-92-1	0.0000	TBD	
	ZINC	7440-66-6	0.0000	TBD	
3-05-006-06	BENZO(A)PYRENE	50-32-8	0.0000	TBD	KILN

ACCESS #: 73807 PERMIT ID NO: 2879-092-9419

AGENCY: GA DEPT. OF NATURAL RESOURCES, AIR PROTECTION BRANCH STATE: GA NOTABLE: Y
PERMITTING CONTACT: JOHN W. MITCHELL PHONE: (404) 656-6900

FACILITY CATEGORY: CCA MIX PLANT 4-DIGIT SIC CODE: 2879
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: VENTURI SCRUBBER LAST YEAR AMENDED:
COMMENTS: 10 FOOT STACK, 24 HR/DAY
10 FOOT STACK, 24 HR/DAY

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	ARSENIC AND COMPOUNDS AS AS	7440-38-2	0.2300	GMS/HR	CCA MIX TANK
	CHROMATE, (CRO42-)	13907-45-4	0.0200	GMS/HR	CCA MIX TANK
	COPPER OXIDE, (CUO)	1317-38-0	10.0000	GMS/HR	CCA MIX TANK

ACCESS #: 73808 PERMIT ID NO: 2819-063-9435

AGENCY: GA DEPT. OF NATURAL RESOURCES, AIR PROTECTION BRANCH STATE: GA NOTABLE: Y
PERMITTING CONTACT: JOHN W. MITCHELL PHONE: (404) 656-6900

FACILITY CATEGORY: CHEMICAL PROCESSING 4-DIGIT SIC CODE: 2819
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: SCRUBBERS AND CARBON ABSORBENT DRUMS LAST YEAR AMENDED:
COMMENTS: MBAPA - METHYL-BIS(3-AMINOPROPYL)AMINE
MBAPA - METHYL-BIS(3-AMINOPROPYL)AMINE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	ACRYLONITRILE	107-13-1	0.0000	NO/DCT	STORAGE/MBAPA PROCES
	MONOMETHYLAMINE	74-89-5	0.0000	NC/DCT	MBAPA PROCESS
	AMMONIA	7664-41-7	145.0000	GMS/HR	MBAPA PROCESS
	PROPYLAMINE	107-10-8	40.0000	GMS/HR	MBAPA PROCESS

ACCESS #: 98973 PERMIT ID NO: 7775-7776

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: GRAPHITE FIBRE MANUFACTURING 4-DIGIT SIC CODE: 2824
YEAR PERMIT ISSUED: 1985
CONTROL EQUIPMENT: FUME INCINERATORN LAST YEAR AMENDED:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-999-99	HYDROGEN CYANIDE	74-90-8	100.0000	PPM	PROCESS

ACCESS #: 98975 PERMIT ID NO: 8354

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: SOIL CLEANUP 4-DIGIT SIC CODE: 4959
(COMMERCIAL POLLUTION)
YEAR PERMIT ISSUED: 1986
CONTROL EQUIPMENT: PROCESS RATE LAST YEAR AMENDED:
COMMENTS: SOIL IS AERATED AND POLLUTANTS ARE VENTED TO THE ATMOSPHERE GASOLINE CONTAMINATED SOIL.
NOTE: THIS PERMIT HAS BEEN CANCELLED.

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	BENZENE	71-43-2	2.0000	LB/DAY	PROCESS

ACCESS #: 98981 PERMIT ID NO: 6311,6312,6313

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: CHEMICAL MFG. 4-DIGIT SIC CODE: 2869
(AEROSPACE AND MILITARY PRODUCTS)

YEAR PERMIT ISSUED: 1980
CONTROL EQUIPMENT: LAST YEAR AMENDED:
COMMENTS: EMISSION LIMIT: NON DETECTABLE
EMISSION LIMIT: NON DETECTABLE

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-999-99	ETHYLENEIMINE	151-56-4	0.0000		
3-01-999-99	PHOSGENE	75-44-5	0.0000		

ACCESS #: 98982 PERMIT ID NO: 7677-7681

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: CHEMICAL MFG. 4-DIGIT SIC CODE: 2869
(AEROSPACE AND MILITARY PRODUCTS)

YEAR PERMIT ISSUED: 1984
CONTROL EQUIPMENT: CONDENSERS,PACKED COLUMN SCRUBBERS,TEMPERTURE LAST YEAR AMENDED: 1985
CARBON ADSORBER
COMMENTS:

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-999-99	ETHYLENE DICHLORIDE	107-06-2	22.0000	LB/DAY	PROCESS

ACCESS #: 98983 PERMIT ID NO: 7511,7517,7547,7889

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: CHEMICAL MANUFACTURING 4-DIGIT SIC CODE: 2869
(AEROSPACE AND MILITARY PRODUCTS)

YEAR PERMIT ISSUED: 1982
CONTROL EQUIPMENT: CONDENSERS,PACKED COLUMN SCRUBBERS,TEMPERATURE, LAST YEAR AMENDED: 1984
CARBON ADSORBER
COMMENTS:

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-999-99	CHLOROFORM	67-66-3	21.0000	LB/DAY	PROCESS

ACCESS #: 98984 PERMIT ID NO: 7204,7219,7220,7226

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
PERMITTING CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS) 4-DIGIT SIC CODE: 2869

YEAR PERMIT ISSUED: 1982
CONTROL EQUIPMENT: CONDENSERS LAST YEAR AMENDED: 1985
COMMENTS:

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
3-01-999-99	TOLUENE	108-88-3	11.4000	LB/DAY	PROCESS

ACCESS #: 99893 PERMIT ID NO: 82-A-103

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
PERMITTING CONTACT: BILL YOUNGQUIST PHONE: (515) 281-8924

FACILITY CATEGORY: PLASTIC BOTTLE BLOW MOLDING 4-DIGIT SIC CODE: 3079

YEAR PERMIT ISSUED: 1982
CONTROL EQUIPMENT: PACKED BED SCRUBBER NAOH LAST YEAR AMENDED:
COMMENTS:

SCC	POLLUTANT NAME	CAS #	LIMIT	UNIT	SOURCE
	FLUORIDES	16984-48-8	2.5000	MG/M3	PROCESS

APPENDIX B

SOURCE TEST DESCRIPTIONS

Appendix B provides a complete description of each source test listed in Tables 24 and 25 in Section 11. Source tests are described in consecutive order by access number. Each description contains information on agency name, source testing contact and phone number, test ID number, facility category, SIC Code, test date, sampling technique and analytical method, Source Classification Codes (SCC), pollutant names, CAS numbers, emission rates, location of measurement, and comments. Note that a measured emission rate of 0.0000 may not necessarily mean 0. It may mean that the rate was not submitted or that the concentration is less than 0.0001 (1/10,000).

ACCESS #: 73658

TEST ID NO: C-85-022-A

AGENCY: CA AIR RESOURCES BOARD
TEST CONTACT: DEAN SIMEROTH

STATE: CA NOTABLE: Y
PHONE: (916) 445-0657

FACILITY CATEGORY: GLASS FURANCE

4-DIGIT SIC CODE: 3221
TEST DATE: 05/23/85

SAMPLING TECHNIQUE: METHOD 5
ANALYTICAL METHOD: DIPHENYLCARBAZIDE COLORIMETRY
COMMENTS: AVERAGE OF THREE TESTS

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-05-014	CHROMIUM	7440-47-3	0.0007	LB/HR	STACK

ACCESS #: 73659

TEST ID NO: C-85-022

AGENCY: CA AIR RESOURCES BOARD
TEST CONTACT: DEAN SIMEROTH

STATE: CA NOTABLE: Y
PHONE: (916) 445-0657

FACILITY CATEGORY: GLASS FURANCE

4-DIGIT SIC CODE: 3221
TEST DATE: 05/20/85

SAMPLING TECHNIQUE: METHOD 5
ANALYTICAL METHOD: DIPHENYLCARBAZIDE COLORIMETRY
COMMENTS: AVERAGE OF THREE TESTS

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-05-014	CHROMIUM	7440-47-3	0.0001	LB/HR	STACK

ACCESS #: 73660

TEST ID NO: ARB/SS-87-11

AGENCY: CA AIR RESOURCES BOARD
TEST CONTACT: DEAN SIMEROTH

STATE: CA NOTABLE: Y
PHONE: (916) 445-0657

FACILITY CATEGORY: HOSPITAL REFUSE INCINERATOR

4-DIGIT SIC CODE: 8062
TEST DATE: 10/28/86

SAMPLING TECHNIQUE: MM-5, GRAB BAG SAMPLES
ANALYTICAL METHOD: GC/MS, GC/FID/ECD
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	CARBON TETRACHLORIDE	56-23-5	6.6000	UG/SEC	BAGHOUSE VENT
	DIOXINS	CL-DIOXIN	165.0000	NG/SEC	BAGHOUSE VENT
	TETRACHLOROETHYLENE	127-18-4	7.0000	UG/SEC	BAGHOUSE VENT
	TRICHLOROETHYLENE	79-01-6	1.5000	UG/SEC	BAGHOUSE VENT
5-02-005	VOLATILE ORGANIC COMPOUNDS	CL-VOC	2.8000	UG/SEC	BAGHOUSE VENT

ACCESS #: 73661 TEST ID NO: ARB/SS-87-01

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: HOSPITAL REFUSE INCINERATOR 4-DIGIT SIC CODE: 8062
TEST DATE: 08/11/86

SAMPLING TECHNIQUE: MODIFIED METHOD 5(SEMI VOLATILE ORGANIC)
ANALYTICAL METHOD: GC/MS (SEMI VOLATILE ORGANICS) (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUES FOR VOLATILE ORGAICS: GRAB WITH BAG.
ANALYTICAL METHOD FOR VOLATILE ORGANICS: GC/FID AND GC/ECD.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	DIOXINS	CL-DIOXIN	618.0000	NG/SEC	EXHAUST STACK
	BENZENE	71-43-2	0.4100	LB/HR	EXHAUST STACK
	TOLUENE	108-88-3	0.0001	LB/HR	EXHAUST STACK
5-02-005	VOLATILE ORGANIC COMPOUNDS	CL-VOC	0.0000	LB.HR	EXHAUST STACK

ACCESS #: 73662 TEST ID NO: ARB/SS-87-08

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: EMISSIONS FORM IC. ENGINE FUELED WITH GASES FORM A SANITARY LANDFILL. 4-DIGIT SIC CODE: 3519
TEST DATE: 01/28/86

SAMPLING TECHNIQUE: MODIFIED METHOD 5 (SEMI-VOLATILE ORGANIC)
ANALYTICAL METHOD: GC/MS (SEMI-VOLATILE ORGANIC) (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUE FOR VOLATILE ORGANICS: GRAB WITH BAG.
ANALYTICAL METHOD FOR VOLATILE ORGANICS: GC/FID AND GC/ECD.
NO DETECTED EMISSIONS RATE FOR DIOXINS/FURAN.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	BENZENE	71-43-2	0.0190	LB/HR	CATALYTIC CONVERTER
	CARBON TETRACHLORIDE	56-23-5	0.0000	LB/HR	CATALYTIC CONVERTER
	DIOXINS	CL-DIOXIN	0.0000	LB/HR	CATALYTIC CONVERTER
	TOLUENE	108-88-3	0.0049	LB/HR	CATALYTIC CONVERTER
	TRICHLOROETHANE,1,1,1-	71-55-6	0.0000	LB/HR	CATALYTIC CONVERTER
5-03-006	VINYL CHLORIDE	75-01-4	0.0001	LB/HR	CATALYTIC CONVERTER

ACCESS #: 73663 TEST ID NO: ARB/SS-87-06

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM A SANITARY LANDFILL 4-DIGIT SIC CODE: 4953

TEST DATE: 02/18/86

SAMPLING TECHNIQUE: MODIFIED METHOD 5(SEMI VOLATILE ORGANICS)
ANALYTICAL METHOD: GC/MS (SEMI VOLATILE ORGANICS) (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUE FOR VOLATILE ORGANICS: GRAB WITH BAG.
ANALYTICAL METHOD FOR VOLATILE ORGANICS: GC/FID AND GC/ECD.
NO MEASURED EMISSION RATES DETECTED FOR FURANS/DIOXIN.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	BENZENE	71-43-2	0.0004	LB/HR	FLARE EXHAUST STACK
	CARBON TETRACHLORIDE	56-23-5	0.0000	LB/HR	FLARE EXHAUST STACK
	DIOXINS	CL-DIOXIN	0.0000	LB/HR	FLARE EXHAUST STACK
	TOLUENE	108-88-3	0.0024	LB/HR	FLARE EXHAUST STACK
	TRICHLOROETHANE,1,1,1-	71-55-6	0.0039	LB/HR	FLARE EXHAUST STACK
	VINYL CHLORIDE	75-01-4	0.0017	LB/HR	FLARE EXHAUST STACK

ACCESS #: 73664 TEST ID NO: ARB/SS-87-07

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: EMISSION FROM GAS TURBINE FUELED WITH GASES FROM SANITARY LANDFILL 4-DIGIT SIC CODE: 4953

TEST DATE: 02/01/86

SAMPLING TECHNIQUE: MODIFIED METHOD 5 (SEMI VOLATILE ORGANICS)
ANALYTICAL METHOD: GC/MS (SEMI VOLATILE ORGANICS) (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUES FOR VOLATILE ORGANICS: GRAB WITH BAG.
ANALYTICAL METHODS FOR VOLATILE ORGANICS: GC/FID, GC/ECD.
NO EMISSION RATES DETECTED FOR DIOXINS/FURANS.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	BENZENE	71-43-2	0.0279	LB/HR	EXHAUST STACK
	DIOXINS	CL-DIOXIN	0.0000	LB/HR	EXHAUST STACK
	TOLUENE	108-88-3	0.1980	LB/HR	EXHAUST STACK
	TRICHLOROETHANE,1,1,1-	71-55-6	0.0057	LB/HR	EXHAUST STACK
5-03-006	VINYL CHLORIDE	75-01-4	0.0157	LB/HR	EXHAUST STACK

ACCESS #: 73665 TEST ID NO: ARB/SS/87-09

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: EMISSIONS FROM FLARE USED FOR COMBUSTION OF GASES FROM SANITARY. 4-DIGIT SIC CODE: 4953

TEST DATE: 07/01/86

SAMPLING TECHNIQUE: MODIFIED METHOD 5 (SEMI-VOLATILE ORGANICS)
ANALYTICAL METHOD: GC/MS (SEMI-VOLATILE ORGANICS)_(SEE COMMENT)
COMMENTS: SAMPLING TECHNIQUE FOR VOLATILE ORGANICS: GRAB WITH BAG.
ANALYTICAL METHODS FOR VOLATILE ORGANICS: GC/FID AND GC/ECD.
FOR CHLOROETHENE(VINYL CHLORIDE) NO EMISSION RATES DETECTED.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	CARBON TETRACHLORIDE	56-23-5	0.0000	LB/HR	FLARE EXHAUST STACK
	DIOXINS	CL-DIOXIN	0.0000	LB/HR	FLARE EXHUAST STACK
	TOLUENE	108-88-3	0.0009	LB/HR	FLARE EXHAUST STACK
	TRICHLOROETHANE,1,1,1-	71-55-6	0.0001	LB/HR	FLARE EXHAUST STACK
	VINYL CHLORIDE	75-01-4	0.0040	LB/HR	FLARE EXHUAST STACK
4-90-900	BENZENE	71-43-2	0.0028	LB/HR	FLARE EXHAUST STACK

ACCESS #: 73666 TEST ID NO: C-84-004

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: USE OF CIRCULATING BED COMBUSTOR TO DESTROY OR REMOVE ORGANIC COMPOUNDS. 4-DIGIT SIC CODE: 3822

TEST DATE: 05/01/84

SAMPLING TECHNIQUE: MODIFIED METHOD 5 GLASS WOOL WAS USED FOR FILTER.
ANALYTICAL METHOD: GC/FID/ECD
COMMENTS: DETERMINE DESTRUCTION AND REMOVAL EFFICIENCY OF SYNTHETIC WASTE.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	ETHYL BENZENE	100-41-4	99.9900	%DRE	SAMPLE PORT ON STACK
	HEXACHLOROBENZENE	118-74-1	99.9900	%DRE	SAMPLE PORT ON STACK
	TOLUENE	108-88-3	97.3900	%DRE	SAMPLE PORT ON STACK
	TRICHLOROBENZENE,1,2,4-	120-82-1	99.9900	%DRE	SAMPLE PORT ON STACK
	VOLATILE ORGANIC COMPOUNDS	CL-VOC	99.9900	%DRE	SAMPLE PORT ON STACK
	XYLENE	1330-20-7	99.9900	%DRE	SAMPLE PORT ON STACK

ACCESS #: 73667 TEST ID NO: C-83-034

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: SULFURIC ACID REGENERATION PLANT 4-DIGIT SIC CODE: 2819
TEST DATE: 02/30/85

SAMPLING TECHNIQUE: MODIFIED METHOD 5 (SEMI-VOLATILE ORGANIC)(COMMENT)
ANALYTICAL METHOD: GC/MS (SEMI-VOLATILE ORGANICS) (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUE FOR VOLATILE ORGANICS: GRAB WITH BAG.
ANALYTICAL METHODS FOR VOLATILE ORGANICS: GC/FID AND GC/ECD.
SYNTHETIC ORGANIC WASTES ADDED TO FUEL.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	PENTACHLOROPHENOL	87-86-5	0.0003	LBS/DY	SAMPLING PORT(STACK)
	TRICHLOROBENZENE,1,2,4-	120-82-1	0.0003	LBS/DY	SAMPLING PORT(STACK)
	TRICHLOROETHANE,1,1,1-	71-55-6	0.0019	LBS/DY	SAMPLING PORT(STACK)
3-01-023	CARBON TETRACHLORIDE	56-23-5	0.0005	LBS/DY	SAMPLING PORT(STACK)

ACCESS #: 73668 TEST ID NO: ARB/SS-87-02

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: BURNING ORGANIC WASTES AS A SUPPLEMENT FUEL IN A CEMENT KILN 4-DIGIT SIC CODE: 3241
TEST DATE: 08/16/84

SAMPLING TECHNIQUE: MODIFIED METHOD 5(SEMI-VOLATILE ORGANICS)(COMMENT)
ANALYTICAL METHOD: GC/MS(SEMI-VOLATILE ORGANICS) (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUE FOR VOLATILE ORGANIC: GRAB WITH BAG.
ANALYTICAL METHODS FOR VOLATILE ORGANIC: GC/FID AND GC/ECD.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	VOLATILE ORGANIC COMPOUNDS	CL-VOC	0.6900	LBS/DY	KILN STACK
3-05-006	BENZENE	71-43-2	4.9800	LBS/DY	KILN STACK
	DIOXINS	CL-DIOXIN	0.1900	MG/HR	KILN STACK

ACCESS #: 73669 TEST ID NO: C-83-049

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: SPICE MANUFACTURING STERILIZATION CHAMBER 4-DIGIT SIC CODE: 2099
TEST DATE: 08/04/83

SAMPLING TECHNIQUE: CONTINUOUS EXTRACTION TO HC ANALYZER
ANALYTICAL METHOD: FLAME IONIZATION DETECTION (FID)
COMMENTS: EMISSIONS RATE IS THE AVERAGE EMISSION RATE FROM 2-TWO HOUR + 2-THREE HOUR CYCLES.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-02-999	ETHYLENE OXIDE	75-21-8	4.9600	LBS/HR	EXHAUST PIPE

ACCESS #: 73670 TEST ID NO: C-85-019

AGENCY: CA AIR RESOURCES BOARD STATE: CA NOTABLE: Y
TEST CONTACT: DEAN SIMEROTH PHONE: (916) 445-0657

FACILITY CATEGORY: GLASS MELTING FURNACE 4-DIGIT SIC CODE: 3221
TEST DATE: 05/07/85

SAMPLING TECHNIQUE: METHOD 5
ANALYTICAL METHOD: DIPHENYLCARBAZIDE COLORIMETRY
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-05-014	CHROMIUM	7440-47-3	0.0000	LB/HR	G.M. FURNACE STACK

ACCESS #: 73671 TEST ID NO: MMT 7645C

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 03/11/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS: PLEASE NOTE THAT THIS SOURCE TEST AND TESTS MMT 7645, 7645A, AND 7645B ARE THE SAME.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	2.0900	LB/HR	DRYER #4

ACCESS #: 73672 TEST ID NO: MMT 7645B

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY
TEST CONTACT: ED CROWLEY
STATE: MN NOTABLE: Y
PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT
4-DIGIT SIC CODE: 0000
TEST DATE: 03/11/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS: PLEASE NOTE THAT THIS SOURCE TEST AND TESTS MMT 7645, 7645A, AND 7645C ARE THE SAME TEST.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	2.0700	LB/HR	ECONOMIZER

ACCESS #: 73673 TEST ID NO: MMT 7645A

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY
TEST CONTACT: ED CROWLEY
STATE: MN NOTABLE: Y
PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT
4-DIGIT SIC CODE: 0000
TEST DATE: 03/11/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS: PLEASE NOTE THAT THIS SOURCE TEST AND TEST MMT 7645, 7645B, AND 7646C ARE THE SAME.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	0.4400	LB/HR	PRESS VENT #7

ACCESS #: 73674 TEST ID NO: MMT 7645

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY
TEST CONTACT: ED CROWLEY
STATE: MN NOTABLE: Y
PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT
4-DIGIT SIC CODE: 0000
TEST DATE: 03/11/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS: PLEASE NOTE THAT THIS SOURCE TEST AND TESTS: MMT 7645A, 7646B, AND 7645C ARE ALL THE SAME SOURCE TESTS BUT FOR DIFFERENT LOCATIONS.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	0.8300	LB/HR	PRESS VENT #3

ACCESS #: 73675 TEST ID NO: MMT 7644A

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 03/10/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS: NOTE THIS SOURCE TEST AND TEST #MMT 7644 ARE THE SAME TESTS.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	8.2200	LB/HR	CORE DRYER

ACCESS #: 73676 TEST ID NO: MMT 7644

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 03/10/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS: PLEASE NOTE THAT THIS SOURCE TEST AND MMT 7644A ARE THE SAME PROGRAM.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	0.7730	LB/HR	PRESS VENT

ACCESS #: 73677 TEST ID NO: MMT-7644

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WATERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 03/10/87

SAMPLING TECHNIQUE: MODIFIED NIOSH 3500
ANALYTICAL METHOD: NIOSH 3500
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	0.7330	LB/HR	PRSESS VENT

ACCESS #: 73678 TEST ID NO: ERT-AIR TOXICS

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: SEWAGE SLUDGE INCINERATOR - MWCC - METRO PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 05/21/87

SAMPLING TECHNIQUE: VOLATILE ORGANICS- VOST (SEE COMMENTS)
ANALYTICAL METHOD: VOST: THERMAL DESORPTION AND PURGEABLES FOR GC.MS
COMMENTS: SCREENING/SEMIVOLATILES/ORGANIC EXTRACTION FOR GC/MS ANALYSIS.
SAMPLING (CONT.): SEMIVOLATILE ORGANICS AND DIOXIN AND FURANS: MODIFIED METHOD 5.
VOLATILES AND SEMIVOLATILE SAMPLING FOR SCREENING ANALYSES. EMISSION RATES FOR SEXTA CHLORO FURANS IS EQUAL TO 0.085 NG/M3 FOR INCINERATORS.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	HEPTA CHLORO FURANS	38998-75-3	0.0700	NG/M3	INCINERATOR
	OCTACHLORODIBENZO-P-DIOXIN	3268-87-9	0.1100	NG/M3	INCINERATOR
	PENTA CHLORO FURANS	30402-15-4	0.3300	NG/M3	INCINERATOR
	TETRACHLORODIBENZODIOXIN,2,3,7,8-,P-	1746-01-6	0.0200	NG/M3	INCINERATOR
	TRI CHLORO FURANS	43048-00-6	0.5500	NG/M3	INCINERATOR
	2,3,7,8 TCDF	51207-31-0	0.2300	NG/M3	INCINERATOR

ACCESS #: 73680 TEST ID NO: PACE 861022 004

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: HAZARDOUS WASTE INCINERATOR 4-DIGIT SIC CODE: 0000
TEST DATE: 11/05/86

SAMPLING TECHNIQUE: METHOD 5
ANALYTICAL METHOD: ATOMIC ABSORPTION SPECTROPHOT. CATCH
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	CADMIUM	7440-43-9	0.0040	LB/HR	INCINERATOR STACK
	CHROMIUM	7440-47-3	0.0080	LB/HR	INCINERATOR STACK

ACCESS #: 73681 TEST ID NO: INTERPOLL 6-2253

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY
TEST CONTACT: ED CROWLEY
STATE: MN NOTABLE: Y
PHONE: (612) 296-7554

FACILITY CATEGORY: PAPER PLANT - BOILERS
4-DIGIT SIC CODE: 0000
TEST DATE: 07/30/86

SAMPLING TECHNIQUE: METHOD 5 FOR HEXANE SOLUBLE FRACTION(SEE COMMENTS)
ANALYTICAL METHOD: HEXANE EXTRACTION OF FRONT AND HALF CATCH(COMMENTS
COMMENTS: SAMPLING TECHNIQUE FOR BENZO() PYRENE (FLORISIL) IS MODIFIED METHOD 5. ANALYTICAL METHODS INCLUDE EVAPORATE AND GRAVIMETRIC ANALYSIS OF RESIDUE BENZO () PYRENE: EXTRACTION WITH METHYLENE CHLORIDE AND ANALYSIS OF CONCENTRATE BY HPLC.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	BENZO(A)PYRENE	50-32-8	0.0050	LB/HR	NO. 5 BOILER
	HEXANE,N-	110-54-3	5.8000	LB/HR	NO. 5 BOILER

ACCESS #: 73689 TEST ID NO: PACE 851104 014A

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY
TEST CONTACT: ED CROWLEY
STATE: MN NOTABLE: Y
PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT
4-DIGIT SIC CODE: 0000
TEST DATE: 11/05/85

SAMPLING TECHNIQUE: FORMALDEHYDE: MODIFIED NIOSH 3500 (SEE COMMENTS)
ANALYTICAL METHOD: FORMALDEHYDE: NIOSH 3500 (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUES: MDI- MODIFIED NIOSH METHOD P AND CAM 142.
ANALYTICAL METHODS: MDI- NIOSH P AND CAM 142.
PLEASE NOTE: THIS SOURCE TEST AND TEST PACE 851104 014 ARE THE SAME TEST.
NEW RESIN USED AS BINDER: POLYMERIC AND MONOMERIC 4.4' DIPHENYLMETHANE DIISOCYANATE.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	DIPHENYLMETHANEDIISOCYANATE,4,4'-	101-68-8	0.0050	LB/HR	UNLOADER VENT
	FORMALDEHYDE	50-00-0	0.0300	LB/HR	UNLOADER VENT

ACCESS #: 73690 TEST ID NO: INTERPOLL 5-2067A

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 08/21/85

SAMPLING TECHNIQUE: FORMALDEHYDE -MODIFIED NIOSH 3500
ANALYTICAL METHOD: FORMALDEHYDE -NIOSH 3500
COMMENTS: THIS SOURCE TEST IS THE SAME AS INTERPOLL 5-2067, THIS REPORT IS A CONTINUENCE OF THAT FOR FORMALDEHYDE.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	5.2300	LB/HR	PRESS BOARD (ONE)

ACCESS #: 73691 TEST ID NO: PACE 851104 014

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 11/05/85

SAMPLING TECHNIQUE: FORMALDEHYDE: MODIFIED NIOSH 3500 (SEE COMMENTS)
ANALYTICAL METHOD: FORMALDEHYDE: NIOSH 3500 (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUE FOR MDI - MODIFIED NIOSH METHOD P AND CAM 142. ANALYTICAL TECHNIQUE ARE NIOSH P AND CAM 142.
NOTE: THIS SOURCE TEST AND TEST: PACE 851104 014A ARE THE SAME SOURCE TEST.
NEW RESIN USED AS BINDER: POLYMERIC AND MONOERIC 4,4' DIPHENYLMITHANE DIISOCYANATE.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	DIPHENYLMETHANEDIISOCYANATE,4,4'-	101-68-8	0.0050	LB/HR	PRESS VENT
	FORMALDEHYDE	50-00-0	0.0380	LB/HR	PRESS VENT

ACCESS #: 73692 TEST ID NO: INTERPOLL 5-2067

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: WAFERBOARD PLANT 4-DIGIT SIC CODE: 0000
TEST DATE: 08/21/85

SAMPLING TECHNIQUE: FORMALDEHYDE-MODIFIED NIOSH 3500 (SEE COMMENTS)
ANALYTICAL METHOD: FORMALDEHYE-NIOSH 3500 (SEE COMMENTS)
COMMENTS: SAMPLING TECHNIQUE FOR PHENOL: METH SCRUBBERS WITH 1 N SODIUM HYDROXIDE.
ANALYTICAL METHOD FOR PHENOL: EPA METHOD #604.
USE PHENOLIC RESIN AS BINDER.
SEE INTERPOLL 5-2067A EQUALS THE SAME SOURCE TEST.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FORMALDEHYDE	50-00-0	10.9700	LB/HR	WAFERBOAD
	PHENOL	108-95-2	0.5300	LB/HR	PRESS VENT (ONE)

ACCESS #: 73698 TEST ID NO: CEMENT PL 1985

AGENCY: SD DEPT. OF WATER & NAT. RES., OFFICE OF AIR QUALITY STATE: SD NOTABLE: Y
TEST CONTACT: DAVE LENINGTON PHONE: (605) 773-3153

FACILITY CATEGORY: CEMENT PLANT 4-DIGIT SIC CODE: 3241
TEST DATE: 06/04/85

SAMPLING TECHNIQUE: PITOT TUBE WITH GLASS, QUARTZ, & TEFLON FILTERS
ANALYTICAL METHOD: X-RAY FLOURENSCENCE (XRF) & ELECTRON MICROSCOPY
COMMENTS: TWO DIFFERENT METHOD 5'S WERE TRIED. IN ONE THE PROBE WAS WASHED IN ACETONE. IN THE OTHER THE PROBE WAS WASHED IN WATER. AMMONIUM CHLORIDE CONCENTRATIONS WERE HIGHER IN THE WATER WASH TESTS. THREE DIFFERENT TYPES OF FILTERS WERE ALSO TRIED.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-05-006-06	AMMONIA	7664-41-7	0.0000	LBS/HR	DRY KILN #6
3-05-006-06	AMMONIUM CHLORIDE-FUME	12125-02-9	4.9200	LBS/HR	DRY KILN #6

ACCESS #: 73700 TEST ID NO: CA-SAC-01

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT
TEST CONTACT: ERIC SKELTON
STATE: CA NOTABLE: Y
PHONE: (916) 366-2107

FACILITY CATEGORY: RESIN MANUFACTURING
4-DIGIT SIC CODE: 2821
TEST DATE: 04/07/86

SAMPLING TECHNIQUE: SODIUM BISULTITE IMPINGER
ANALYTICAL METHOD: CHROMOTROPIC ACID SODIUM SALT/SPECTROPHOTOMETER
COMMENTS: PLEASE NOTE THAT FOR CAS# 50-00-0 THE EMISSION RATES VALUE WAS ENTERED AS 00000000. THIS VALUE WAS GIVEN TO INDICATE THAT VARIOUS EMISSIONS VALUES HAVE BEEN MEASURED FOR THIS POLLUTANT.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-01-999-99	FORMALDEHYDE	50-00-0	0.0000	G/HR	VACUUM PUMP VENT

ACCESS #: 73714 TEST ID NO: CL-MT-ST-3

AGENCY: MT DEPT. OF HEALTH AND ENV. SCIENCES, AIR QUALITY BUREAU
TEST CONTACT: HARRY KELTZ
STATE: MT NOTABLE: Y
PHONE: (406) 444-3454

FACILITY CATEGORY: PULP AND PAPER MILL
4-DIGIT SIC CODE: 2621
TEST DATE: 05/00/83

SAMPLING TECHNIQUE: WET SCRUBBER, ESP
ANALYTICAL METHOD:
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	TOTAL REDUCED SULFUR	CL-TRS	0.4000	PPM	RECOVERY FURANCE

ACCESS #: 73715 TEST ID NO: CL-MT-ST-4A

AGENCY: MT DEPT. OF HEALTH AND ENV. SCIENCES, AIR QUALITY BUREAU STATE: MT NOTABLE: Y
TEST CONTACT: HARRY KELTZ PHONE: (406) 444-3454

FACILITY CATEGORY: PRIMARY ALUMINIH SMELTER 4-DIGIT SIC CODE: 3334
TEST DATE: 12/00/86

SAMPLING TECHNIQUE: METHOD 13
ANALYTICAL METHOD: AUTOMATED WILLARD-WINTER DISTILLATION
COMMENTS: PLEASE NOTE THAT THIS SOURCE TEST AND TEST CL-MT-ST-4 ARE THE SAME, BUT DUE TO NATICH RESTRICTIONS THEY MUST BE SEPERATED. PLEASE ALSO NOTE THAT THIS TEST (CL-MT-ST-4A) IS IN REFERENCE TO FLUORIDES(ROOFS) (SECONDARY SYSTEM).

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-03-001-03	FLUORIDES	16984-48-8	800.0000	LB/DAY	POT-LINES

ACCESS #: 73716 TEST ID NO: CL-MT-ST-4

AGENCY: MT DEPT. OF HEALTH AND ENV. SCIENCES, AIR QUALITY BUREAU STATE: MT NOTABLE: Y
TEST CONTACT: HARRY KELTZ PHONE: (406) 444-3454

FACILITY CATEGORY: PRIMARY ALUMINUM SMELTER 4-DIGIT SIC CODE: 3334
TEST DATE: 12/00/86

SAMPLING TECHNIQUE: METHOD 13
ANALYTICAL METHOD: AUTOMATED WILLARD-WINTER DISTILLATION
COMMENTS: THIS SOURCE TEST AND CL-MT-ST-4 ARE THE SAME, BUT DUE TO NATICH RESTRICTIONS THEY MUST BE SEPERATED. PLEASE NOT THAT THIS PERMIT(CL-MT-ST-4) IS REFERENCED FOR FLUORIDES(PRIMARY SYSTEM).

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-03-001-03	FLUORIDES	16984-48-8	46.0000	LD/DAY	POT-LINES

ACCESS #: 73718 TEST ID NO: 1

AGENCY: TULSA CITY-COUNTY HEALTH DEPT., AIR QUALITY CONTROL STATE: OK NOTABLE: Y
TEST CONTACT: RAY BISHOP PHONE: (918) 744-1000

FACILITY CATEGORY: MUNICIPAL TRASH INCINERATOR 4-DIGIT SIC CODE: 4953
TEST DATE: 06/00/86

SAMPLING TECHNIQUE: MODIFIED METHOD 5
ANALYTICAL METHOD:
COMMENTS: NONE

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	FLUORIDES	16984-48-8	0.7200	LBS/HR	STACK
	DIOXINS	CL-DIOXIN	18.9320	NG/NM3	STACK
	FURANS	CL-FURAN	15.5200	NG/NM3	STACK

ACCESS #: 73727 TEST ID NO: 07-22-86

AGENCY: SOUTH WEST AIR POLLUTION CONTROL AUTHORITY STATE: WA NOTABLE: Y
TEST CONTACT: DAVID MOORE PHONE: (206) 574-3058

FACILITY CATEGORY: TIRE PYROLYSIS 4-DIGIT SIC CODE: 4953
TEST DATE: 07-22-86

SAMPLING TECHNIQUE: VOST, SEMI-VOST, MODIFIED METHODS
ANALYTICAL METHOD: GC/MS INDUCTIVE PLASMA SPECTROSCOPY AA
COMMENTS: NONCONTACT PYROLYSIS. SAMPLING AT BURNER CHAMBER EXHAUST-(PYRO GAS IS COLLECTED AND INCINERATED SEPERATELY AS WELL AS BEING USED TO FIRE THE BURNERS).

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	BENZENE	71-43-2	29.6000	UG/M3	PYRO. CHAM. EXHAUST
	BUTYL BENZYL PHTHALATE	85-68-7	2.2000	UG/M3	PYRO.CHAM. EXHAUST
	CHROMIUM	7440-47-3	0.8600	UG/M3	PYRO. CHAM. EXHAUST
	DI-N-BUTYL PHTHALATE	84-74-2	1.1000	UG/M3	PYRO. CHAM. EXHAUST
	ETHYL BENZENE	100-41-4	45.1000	UG/M3	PYRO. CHAM. EXHAUST
	ETHYLHEXYLPHTHALATE,BIS,2-	117-81-7	22.9000	UG/M3	PYRO. CHAM. EXHAUST
	MAGNESIUM	7439-95-4	0.5000	UG/M3	PYRO. CHAM. EXHAUST
	MANGANESE	7439-96-5	0.1000	UG/M3	PYRO. CHAM. EXHAUST
	MERCURY	7439-97-6	0.0800	UG/M3	PYRO. CHAM. EXHAUST
	NAPHTHALENE	91-20-3	4.6000	UG/M3	PYRO.CHAM. EXHAUST
	NICKEL	7440-02-2	4.3100	UG/M3	PYRO. CHAM. EXHAUST
	PHENOL	108-95-2	2.4000	UG/M3	PYRO. CHAM. EXHAUST
	TOLUENE	108-88-3	43.0000	UG/M3	PYRO. CHAM. EXHAUST
	XYLENE	1330-20-7	33.9000	UG/M3	PYRO. CHAM. EXHAUST
	ZINC	7440-66-6	1.0100	UG/M3	PYRO. CHAM. EXHAUST

ACCESS #: 73728 TEST ID NO: IA-DNR-01

AGENCY: IOWA DEPT. OF NATURAL RESOURCES STATE: IA NOTABLE: Y
TEST CONTACT: DAVE PHELPS PHONE: (515) 281-8925

FACILITY CATEGORY: PESTICIDES AND AGRICULTURAL CHEMICALS 4-DIGIT SIC CODE: 2879
TEST DATE: 01-13-87

SAMPLING TECHNIQUE: STANDARD PARTICULATE SAMPLING METHODS
ANALYTICAL METHOD: STANDARD PARTICULATE METHOD INCLUDING BACK HALF
COMMENTS: CATCH.
CARBAMATE PESTICIDE BROOL.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	TRIMETHYLPHENYL N-METHYLCARBAMATE	58784-13-7	0.0144	GR/SCF	POOCESS

ACCESS #: 73755 TEST ID NO: 3500-65-1A

AGENCY: CHATTANOOGA-HAMILTON CO. AIR POLLUTION CONTROL BUREAU STATE: TN NOTABLE: Y
TEST CONTACT: DALE E. FENTRESS PHONE: (615) 867-4321

FACILITY CATEGORY: CHEMICAL MANUFACTURING FACILITY 4-DIGIT SIC CODE: 2819
TEST DATE: 09/11/84

SAMPLING TECHNIQUE: TEDLAR BAGS; EVACUATION THROUGH HCL AND SILICA GEL
ANALYTICAL METHOD: GC/FID
COMMENTS: 1)REACTOR CHARGING; 2)UNUSUAL SAMPLING PROCEDURE IN THAT THE SAMPLE WAS OBTAINED WITH TEDLAR BAGS AND THEN ABSORBED IN A 3% HCL SOLUTION AND SILICA GEL. THE SAMPLES WERE THEN EXTRACTED WITH CARBON DISULFIDE AND ANALYZED USING A GAS CHROMATOGRAPH WITH A FLAME IONIZATION DETECTOR.

ACCESS #: 73756 TEST ID NO: 3500-60-1

AGENCY: CHATTANOOGA-HAMILTON CO. AIR POLLUTION CONTROL BUREAU STATE: TN NOTABLE: Y
TEST CONTACT: DALE E. FENTRESS PHONE: (615) 867-4321

FACILITY CATEGORY: CHEMICAL MANUFACTURING PLANT 4-DIGIT SIC CODE: 2819
TEST DATE: 03/21/80

SAMPLING TECHNIQUE: PARTICULATE SAMPLING-EPA METHODS 1-5
ANALYTICAL METHOD:
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
1-02-013-01	COBALT	7440-48-4	0.8250	LB/HR	COMBUSTION EQUIPMENT

ACCESS #: 73797 TEST ID NO: 7216-1

AGENCY: NJ DEPT. OF ENV. PROT., BUR. OF AIR POLLUTION CONTROL STATE: NJ NOTABLE: Y
TEST CONTACT: LOU NIKOLAJCZYK PHONE: (609) 530-4042

FACILITY CATEGORY: DRY CLEANING 4-DIGIT SIC CODE: 7216
TEST DATE: 06-12-84

SAMPLING TECHNIQUE: INTEGRATED GAS BAG SAMPLE
ANALYTICAL METHOD: FID
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	TETRACHLOROETHYLENE	127-18-4	0.0330	LB/HR	VENT FROM CARBON

ACCESS #: 98990 TEST ID NO: CA-SACCO-02

AGENCY: SACRAMENTO CO. AIR POLLUTION CONTROL DISTRICT STATE: CA NOTABLE: Y
TEST CONTACT: ERIC SKELTON PHONE: (916) 366-2107

FACILITY CATEGORY: CHEMICAL MANUFACTURING (AEROSPACE AND MILITARY PRODUCTS) 4-DIGIT SIC CODE: 2819
TEST DATE: VARIOUS

SAMPLING TECHNIQUE: CHARCOAL TUBE
ANALYTICAL METHOD: GC/ECD
COMMENTS: INFRARED ANALYZERS ARE USED AS CONTINUOUS EMISSION MONITORS ON CHLOROFORM AND ETHYLENE DICHLORIDE EMIS.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
3-01-999-99	CHLOROFORM	67-66-3	0.0000	VAR.	CONTROL DEVICE VENT
3-01-999-99	ETHYLENE DICHLORIDE	107-06-2	0.0000	VAR.	CONTROL DEVICE VENT
3-01-999-99	TOLUENE	108-88-3	0.0000	VAR	CONTROL DEVICE VENT

ACCESS #: 99791 TEST ID NO: MN4

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: GOPHER SMELTING-SECONDARY LEAD SMELTER 4-DIGIT SIC CODE: 3341
TEST DATE: 01/17/85

SAMPLING TECHNIQUE: METHOD 5, 0.5 HA OH SOLUTION IN IMPINGERS
ANALYTICAL METHOD: ATOMIC ABSORPTION
COMMENTS: FILTER CATCH & IMPINGER HA OH SOL. ANALIZED TO INCLUDE NON VOLATILE AND VOLATILE FORMS OF ARSENIC.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	ARSENIC AND COMPOUNDS AS AS	7440-38-2	0.0025	LB/HR	BLAST FURNACE STACK

ACCESS #: 99792 TEST ID NO: MN3

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: 3 M CHEMOLITE INCINERATOR 4-DIGIT SIC CODE: 4953
TEST DATE: 08/19/86

SAMPLING TECHNIQUE: EPA METHOD 5 WITH HC1 ABSORBED IN WATER
ANALYTICAL METHOD: ATOMIC ABSORBTION FOR CD & CR, & ION CHROMA-
COMMENTS: TOGRAPHY FOR C1
TOGRAPHY FOR C1

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	CADMIUM	7440-43-9	0.0020	KG/HR	INCINERATOR
	CHROMIUM	7440-47-3	0.0001	KG/HR	INCINERATOR
	HYDROGEN CHLORIDE	7647-01-0	0.0500	KG/HR	INCINERATOR

ACCESS #: 99793 TEST ID NO: MN2

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: IMPERIAL LAND O' LAKES-PESTICIDE FORMULATION 4-DIGIT SIC CODE: 2879
TEST DATE: 12/17/85

SAMPLING TECHNIQUE: SAMPLING TRAIN AS IN METHOD 6,C2H6O2 ABSORBENT
ANALYTICAL METHOD: GAS CHROMATOGRAPHY AS IN EPA MANUAL FOR PESTICIDES
COMMENTS: PESTICIDES SAMPLED AS GAS OR VAPORS,FILTER USED TO KEEP PART. FROM ENTERING IMPING., ANALIZED ASBORB.

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	COUNTER 15 G	13071-79-9	0.0000		CARBON FILTER PROC.
	PHORATE	298-02-2	0.0000		

ACCESS #: 99794 TEST ID NO: MN1

AGENCY: MN POLLUTION CONTROL AGENCY, DIV. OF AIR QUALITY STATE: MN NOTABLE: Y
TEST CONTACT: ED CROWLEY PHONE: (612) 296-7554

FACILITY CATEGORY: POTLATCH CORPORATION-CLOQUET 4-DIGIT SIC CODE: 0000
TEST DATE:

SAMPLING TECHNIQUE: EPA METHOD 6 SAMPLING TRAIN,1M NAOH SCRUBBING SOL.
ANALYTICAL METHOD: ION CHROMATOGRAPHY
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	CHLORINE	7782-50-5	0.8800	LB/HR	BLEACH S.T.SCRUBBER
	CHLORINE DIOXIDE	10049-04-4	0.3000	LB/HR	CLO2 SEAL TANK SCRUB

ACCESS #: 99838 TEST ID NO: CL-NV-L.VEGAS-ST-3

AGENCY: AIR POLLUTION CONTROL DIV., DIST. HEALTH DEPT. OF CLARK CO. STATE: NV NOTABLE: Y
TEST CONTACT: DAVID LEE PHONE: (702) 383-1276

FACILITY CATEGORY: CHEMICAL MANUFACTURING 4-DIGIT SIC CODE: 2812
(HAZARDOUS WASTE MANAGEMENT)
TEST DATE: DEC 84

SAMPLING TECHNIQUE: CL: BUBBLER TRAIN; OTHERS:DIRECT INJECTION
ANALYTICAL METHOD: CL: IODOMETRY; OTHERS: GC/MS
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	CHLOROFORM	67-66-3	35.0000	LB/D	PROCESS
	CHLOROTHIOANISOLE	123-09-1	0.1000	LB/D	PROCESS
	DICHLOROBENZENE,1,2-	95-50-1	5.0000	LB/D	PROCESS
	MONOCHLOROBENZENE	108-90-7	23.0000	LB/D	PROCESS
	TRICHLOROBENZENE,1,2,4-	120-82-1	0.2000	LB/D	PROCESS
	BENZENE	71-43-2	20.9000	LB/D	PROCESS
	CHLORINE	7782-50-5	0.0100	LB/HR	PROCESS

ACCESS #: 99839 TEST ID NO: CL-NV-L.VEGAS-ST-2

AGENCY: AIR POLLUTION CONTROL DIV., DIST. HEALTH DEPT. OF CLARK CO. STATE: NV NOTABLE: Y
TEST CONTACT: DAVID LEE PHONE: (702) 383-1276

FACILITY CATEGORY: PEPCON AMMONIUM PERCHLORATE MANUFACTURE 4-DIGIT SIC CODE: 2819
TEST DATE: 1984

SAMPLING TECHNIQUE: CL - BUBBLER TRAIN NH3 - CONTINUOUS MONITORING
ANALYTICAL METHOD: CL - IODOMETRY NH3 - CHEMILUMINESCENCE
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	AMMONIA	7664-41-7	0.5000	LB/HR	PROCESS
	CHLORINE	7782-50-5	1.0000	LB/HR	PROCESS

ACCESS #: 99840 TEST ID NO: CL-NV-L.VEGAS-ST-1

AGENCY: AIR POLLUTION CONTROL DIV., DIST. HEALTH DEPT. OF CLARK CO. STATE: NV NOTABLE: Y
TEST CONTACT: DAVID LEE PHONE: (702) 383-1276

FACILITY CATEGORY: KERR MCGEE CHEMICAL CO. 4-DIGIT SIC CODE: 2819
AMMONIUM PERCHLORATE MANUFACTURE
TEST DATE: 1984

SAMPLING TECHNIQUE: CL - BUBBLER TRAIN NH3 - CONTINUOUS MONITORING
ANALYTICAL METHOD: CL - IDOMETRY NH3 - CHEMILUMINESCENCE
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	AMMONIA	7664-41-7	5.0000	LB/HR	PROCESS
	CHLORINE	7782-50-5	2.0000	LB/HR	PROCESS

ACCESS #: 99867 TEST ID NO: CL-MT-ST-2

AGENCY: MT DEPT. OF HEALTH AND ENV. SCIENCES, AIR QUALITY BUREAU STATE: MT NOTABLE: Y
TEST CONTACT: HARRY KELTZ PHONE: (406) 444-3454

FACILITY CATEGORY: PULP AND PAPER MILL 4-DIGIT SIC CODE: 2621
TEST DATE: MAY 83

SAMPLING TECHNIQUE:
ANALYTICAL METHOD:
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	TOTAL REDUCED SULFUR	CL-TRS	1.1000	PPM	LIME KILN

ACCESS #: 99868 TEST ID NO: CL-MT-ST-1

AGENCY: MT DEPT. OF HEALTH AND ENV. SCIENCES, AIR QUALITY BUREAU STATE: MT NOTABLE: Y
TEST CONTACT: HARRY KELTZ PHONE: (406) 444-3454

FACILITY CATEGORY: PULP AND PAPER MILL 4-DIGIT SIC CODE: 2621
TEST DATE: MAY 83

SAMPLING TECHNIQUE:
ANALYTICAL METHOD:
COMMENTS:

SCC	POLLUTANT NAME	CAS #	RATE	UNIT	LOCATION
	TOTAL REDUCED SULFUR	CL-TRS	0.4000	PPM	RECOVERY FURNACE

ACCESS #: 99874

TEST ID NO: CL-MD-ST-2

AGENCY: MD DEPT. OF HEALTH & MENTAL HYGIENE, AIR MANAGEMENT ADMIN.
TEST CONTACT: DONALD ANDREW

STATE: MD NOTABLE: Y
PHONE: (301) 225-5245

FACILITY CATEGORY: DRUM MIX ASPHALT PLANT

4-DIGIT SIC CODE: 2951
TEST DATE: 1984

SAMPLING TECHNIQUE: SINCE STAGE SORBENT TUBES/XAD-2 & TENAX SORBENT
ANALYTICAL METHOD: GC/MS
COMMENTS: DATA TO BE PRESENTED AT 1985 APCA CONVENTION

APPENDIX C

CLEARINGHOUSE CAS NUMBERS

Information on toxic air pollutants is entered into the data base, stored, and reported by Chemical Abstracts Service Registry Number (CAS number). Clearinghouse acronyms prefaced with "CL- " have been assigned to groups of similar pollutants where no CAS number was applicable. Appendix C provides a list of Clearinghouse chemical acronyms used in place of the CAS number.

Preceding page blank

APPENDIX C
CLEARINGHOUSE CAS NUMBERS

CL-CAS	POLLUTANT NAME
CL-ABRAS	ABRASIVES
CL-ACID	ACIDIC COMPOUNDS
CL-ADIP	ADIPATES
CL-ALDEHYD	ALDEHYDES
CL-AMINE	AMINES
CL-BROM	BROMINE COMPOUNDS
CL-BTX	BENZENE,TOLUENE,XYLENE
CL-CARBON	TOTAL CARBON
CL-CARCIN	CARCINOGENS
CL-CFC	CHLOROFLUOROCARBONS
CL-CHC	CHLORINATED HYDROCARBONS
CL-CHLOR	CHLORINE COMPOUNDS
CL-COE	COKE OVEN EMISSIONS
CL-CREOSOL	CREOSOLS
CL-CUTFLU	CUTTING FLUIDS
CL-DGAEA	DIETHYLENE GLYCOL ALKYL ETHERS/ACETATES
CL-DIESEL	DIESEL FUEL EMISSIONS
CL-DIISOCY	DIISOCYANATES
CL-DIOXIN	DIOXINS
CL-ETS	ENVIRONMENTAL TOBACCO SMOKE
CL-EXPLO	EXPLOSIVES
CL-FUELOIL	WASTE DERIVED FUEL OIL EMISSIONS
CL-FURAN	FURANS
CL-HALOME	HALOMETHANES
CL-HAZWAST	HAZARDOUS WASTES
CL-HCARB	HYDROCARBONS
CL-IAP	INDOOR AIR POLLUTANTS
CL-INORGAN	INORGANIC COMPOUNDS
CL-METAL	METALLIC COMPOUNDS
CL-MINDUST	MINERAL DUSTS
CL-MINFIB	MINERAL FIBERS
CL-MS	MINERAL SPIRITS
CL-NITRATE	NITRATES
CL-NITRITE	NITRITES
CL-NITROSO	NITROSO COMPOUNDS
CL-NMHC	NON-METHANE HYDROCARBONS
CL-ODOR	ODORS
CL-OH	HYDROXIDE
CL-ORGANIC	ORGANIC COMPOUNDS
CL-PAH	POLYCYCLIC AROMATIC COMPOUNDS
CL-PCO	PHOTO CHEMICAL OXIDANTS
CL-PEST	PESTICIDES
CL-PHENOL	PHENOLS
CL-PHOSPHA	PHOSPHATES

CL-CAS	POLLUTANT NAME
CL-PHTH	PHTHALATES
CL-PLAS	PLASTICIZERS
CL-PM	PARTICULATE MATTER
CL-POM	POLYCYCLIC ORGANIC MATTER
CL-RAD	RADIATION
CL-RESIN	RESINS
CL-SALTS	SALTS
CL-SEWSLUD	SEWAGE SLUDGE
CL-SOLVENT	SOLVENTS
CL-SULFATE	SULFATES
CL-SULFIDE	SULFIDES
CL-SULFITE	SULFITES
CL-SVOC	SEMIVOLATILE ORGANIC COMPOUNDS
CL-TIN	ORGANIC TIN COMPOUNDS
CL-TRS	TOTAL REDUCED SULFUR
CL-VEG	VEGETABLE OIL MIST
CL-VOC	VOLATILE ORGANIC COMPOUNDS
CL-WELD	WELDING FUMES
CL-WOOD	WOOD SMOKE